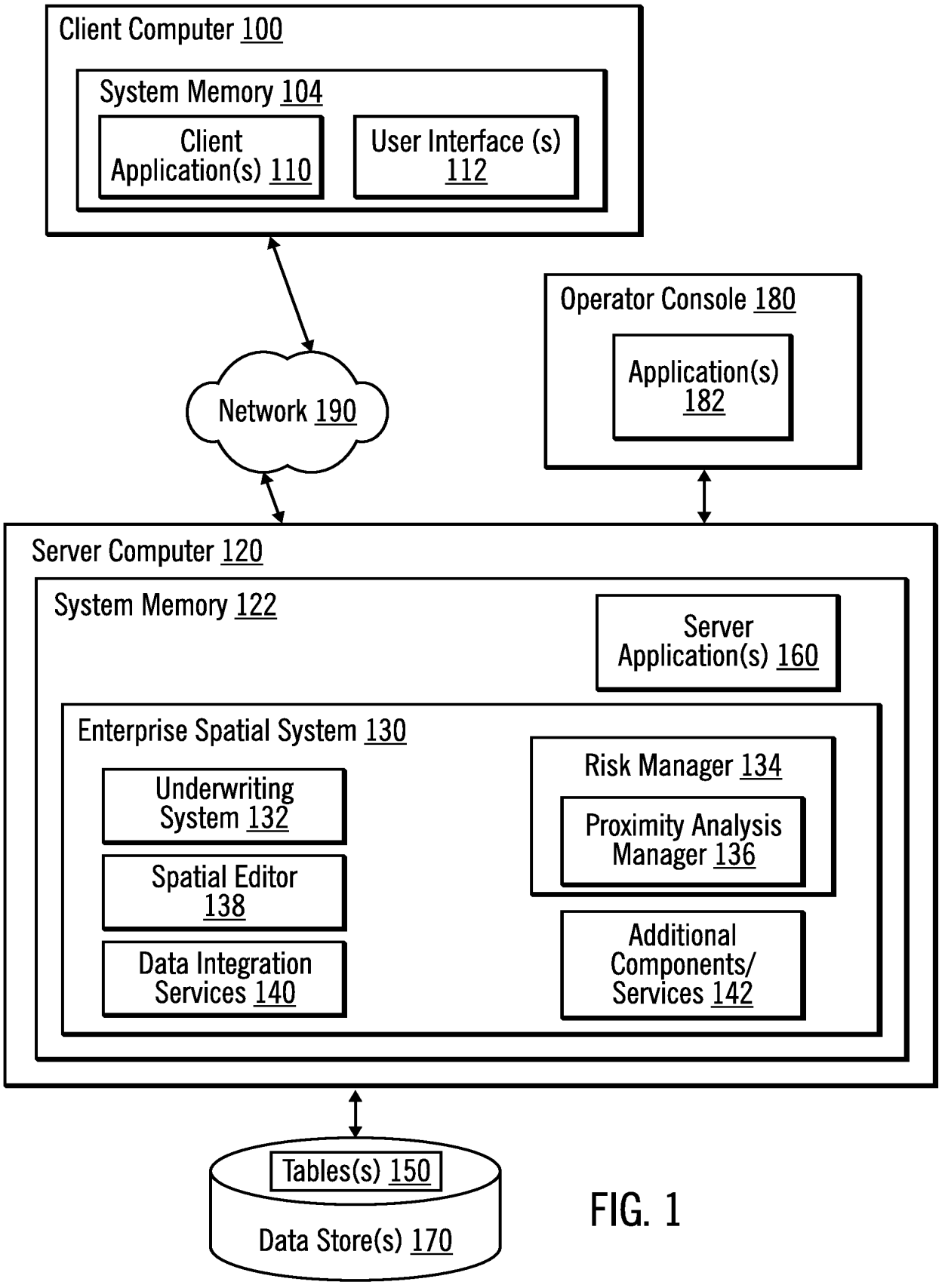

Client Computer 100
System Memory 104
Client Application(s) 110
User Interface (s) 112
Network 190
Operator Console 180
Application(s) 182
Server Computer 120
System Memory 122
Server Application(s) 160
Enterprise Spatial System 130
Underwriting System 132
Spatial Editor 138
Data Integration Services 140
Risk Manager 134
Proximity Analysis Manager 136
Additional Components/ Services 142
Tables(s) 150
Data Store(s) 170

FIG. 1

250
(5) CLIENT SOFTWARE
252
WEB CLIENTS
202
210
240
RENDERABLE IMAGE/SPATIAL DATA
ENTERPRISE DATA SOURCES
(1) GIS PROCESSING CENTER/ OPERATIONS CENTER
(4) ENTERPRISE INTEGRATION
222
221
ENTERPRISE INTEGRATION
214
GIS PROCESSING CENTER
T3
VECTOR DATA
LAN
216
SHAPE FILES/ TILED TIFF IMAGES
212
TABULAR DATA
WEB READY IMAGERY/ SPATIAL DATA
PRODUCTION CENTER
204
RAW TILED TIFF & VALUE ADDED IMAGERY
PRE-PRODUCTION PROCESSING
STAGING SYSTEM WEB READY IMAGERY/ SHAPE FILES /MR. SID FILES
223
3RD PARTY IMAGERY /DATA SOURCES
3RD PARTY SOURCE IMAGERY/DATA LAYERS
OFFSITE STORAGE
220
GOVERNMENT/FOI PUBLIC DATA
RAW TILED TIFF IMAGERY
INTERIM ARCHIVE TAPE LIBRARY
LAN
RAW TILED TIFF IMAGERY (RESOLUTION TBD)
MASTER ARCHIVE TAPE LIBRARY
(2) DATA CENTER
T3
206
WEB ORDERS
3RD PARTY IMAGERY /DATA SOURCES
(3) FULFILLMENT CENTER
SATELLITE IMAGERY DATA
230
FULFILLMENT SYSTEM
FULFILLED ORDER

FIG. 2

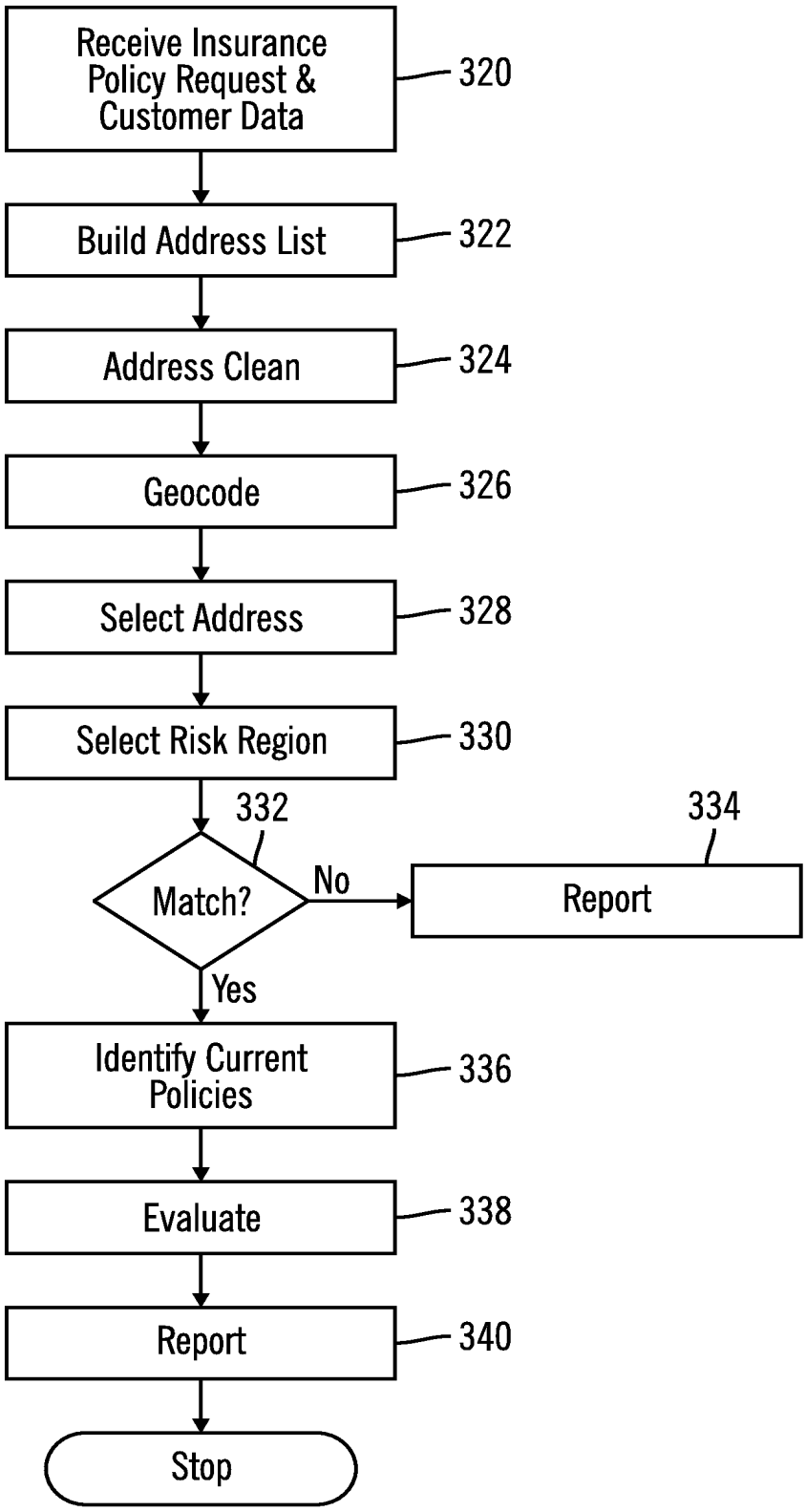

Receive Insurance Policy Request & Customer Data
320
Build Address List
322
Address Clean
324
Geocode
326
Select Address
328
Select Risk Region
330
332
Match?
No
334
Report
Yes
Identify Current Policies
336
Evaluate
338
Report
340
Stop

FIG. 3

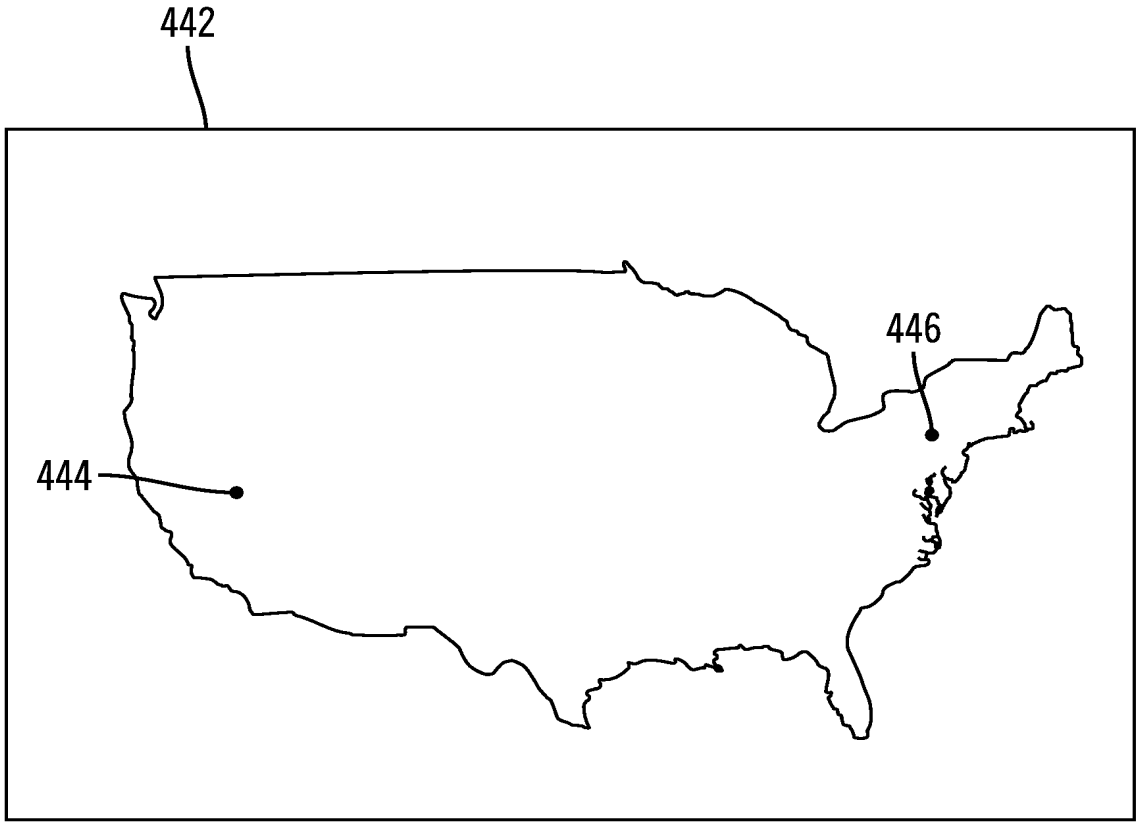



FIG. 4A

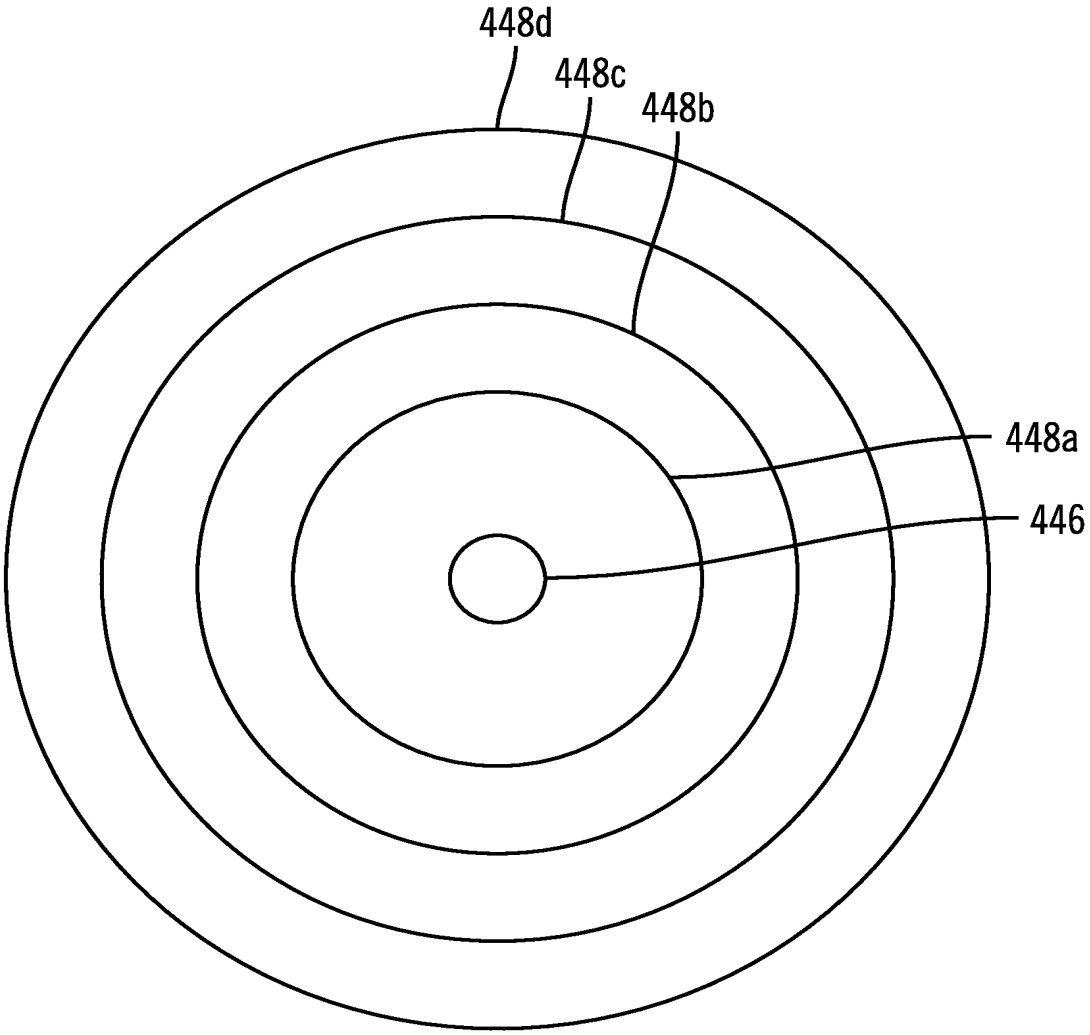



FIG. 4B

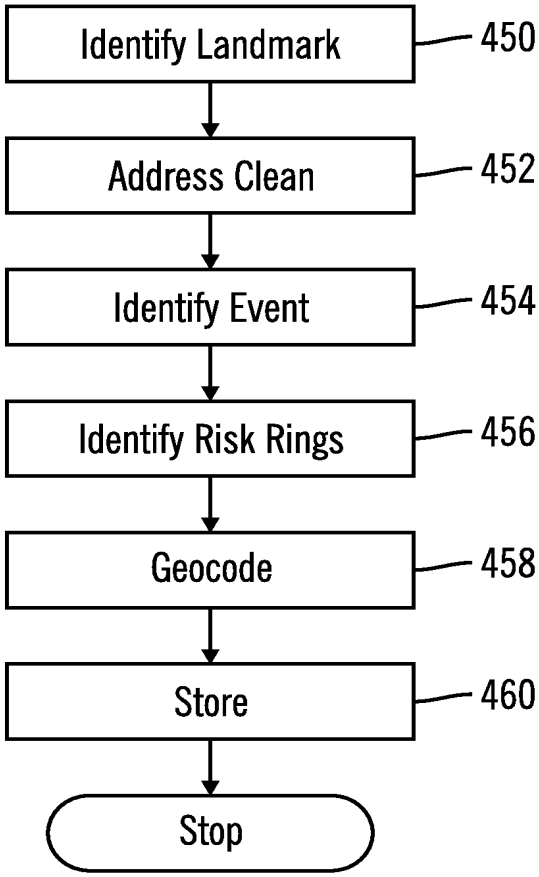

Identify Landmark
450
Address Clean
452
Identify Event
454
Identify Risk Rings
456
Geocode
458
Store
460
Stop

FIG. 4C

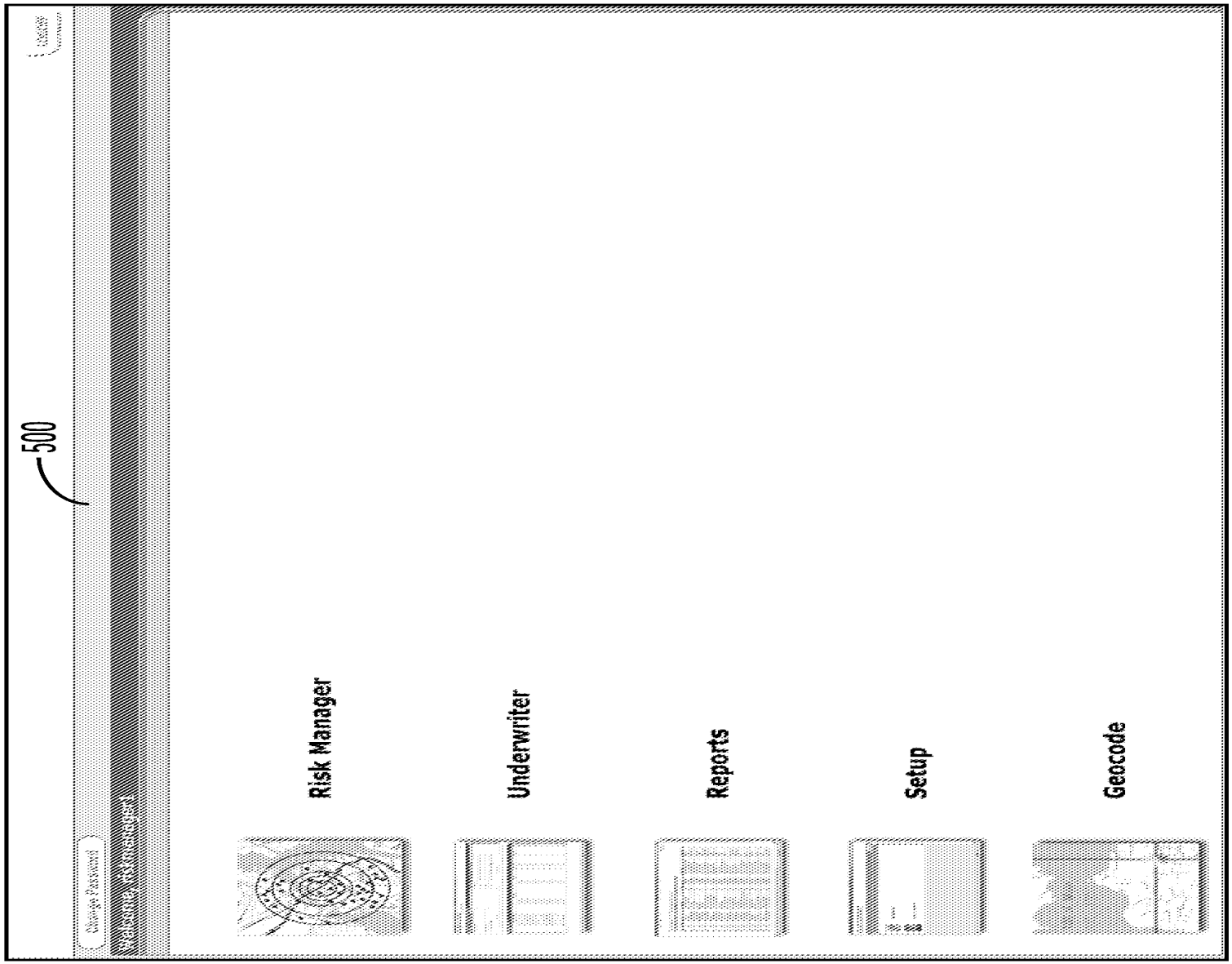



FIG. 5

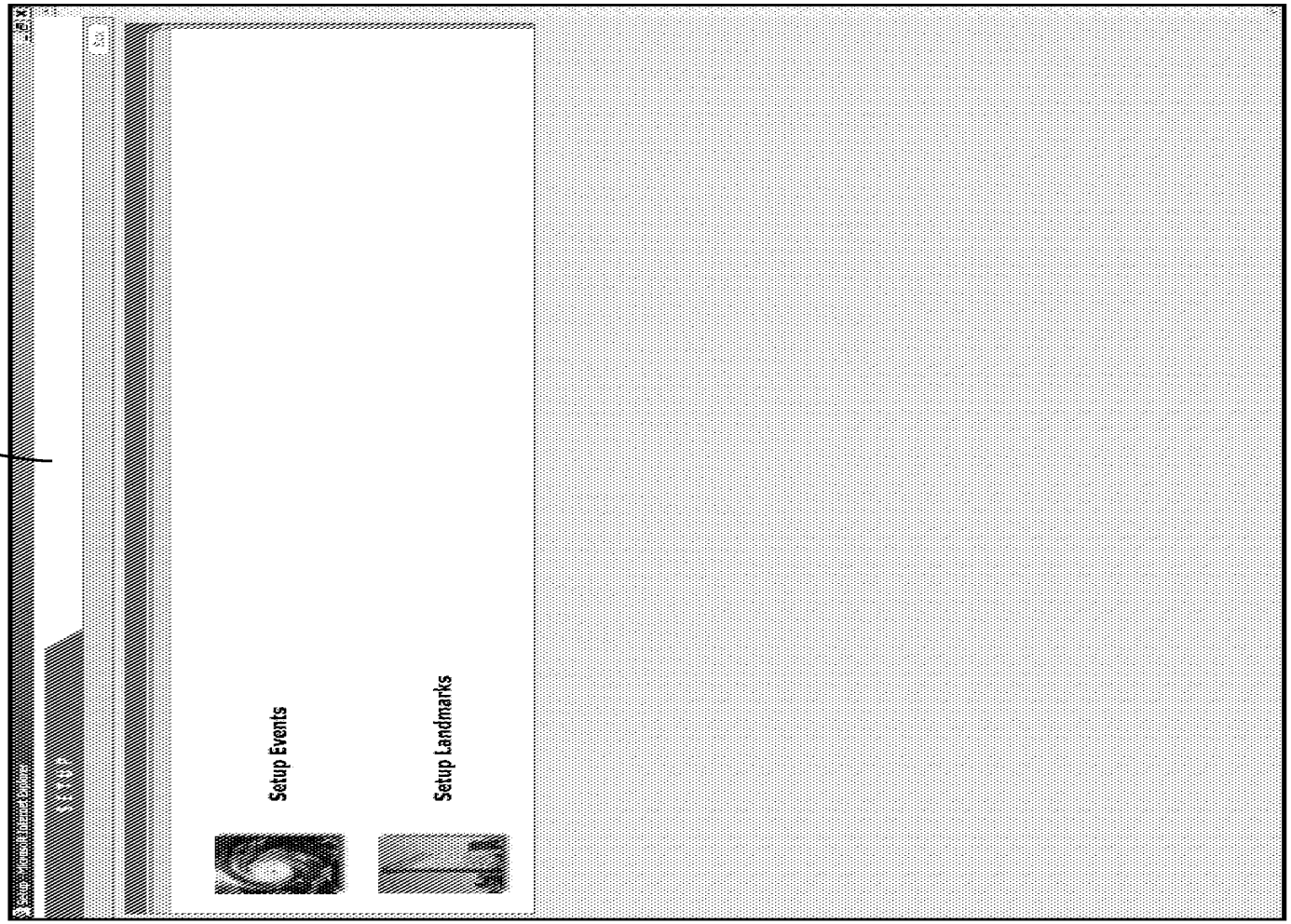



FIG. 6

700
Select an Event to edit. To edit an Event's details, click on the respective link below.
Event Name:
Maximum Loss
Cancel

FIG. 7

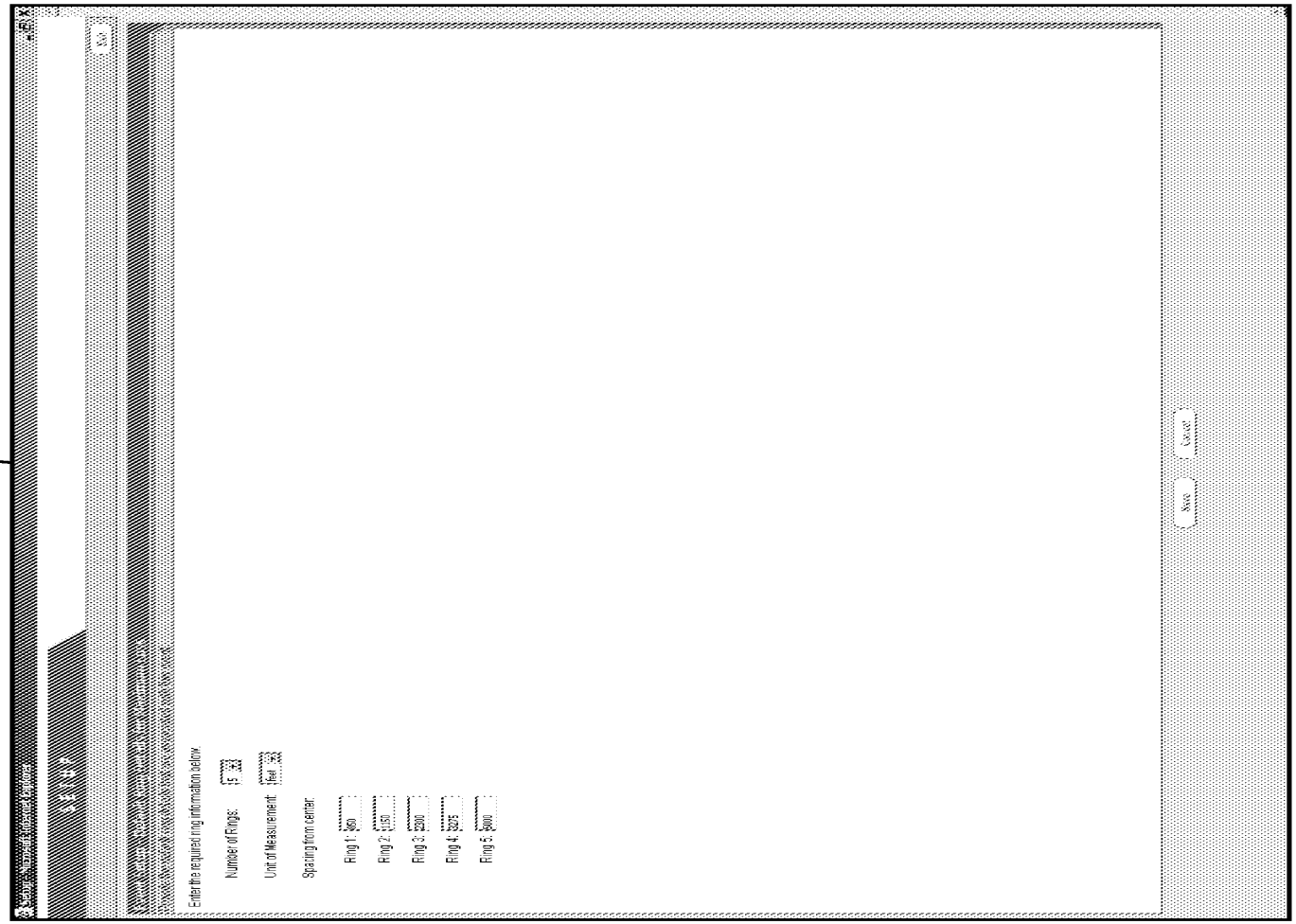

800
Enter the required ring information below
Number of Rings:
Unit of Measurement
Feet
Spacing from center
Ring 1: .960
Ring 2: 1.555
Ring 3: 2.280
Ring 4: 3.275
Ring 5: 5.000
Next
Cancel

FIG. 8

900

Each ring will have a damage rate associated with it that will be used to calculate the PML. Provide the damage rate for each ring in the spaces provided below.

| | Ring 1: | Ring 2: | Ring 3: | Ring 4: | Ring 5: |
|---|---|---|---|---|---|
| Officers and Directors | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Errors and Omissions | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Fire and Earthquake | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Business Interruption | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Whole Life | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Term Life | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Workers Compensation | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Umbrella | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Structure | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Marine | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| General Liability | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Other Structures | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |
| Contents | 1.0 | 0.7 | 0.3 | 0.1 | 0.05 |

FIG. 9

1000

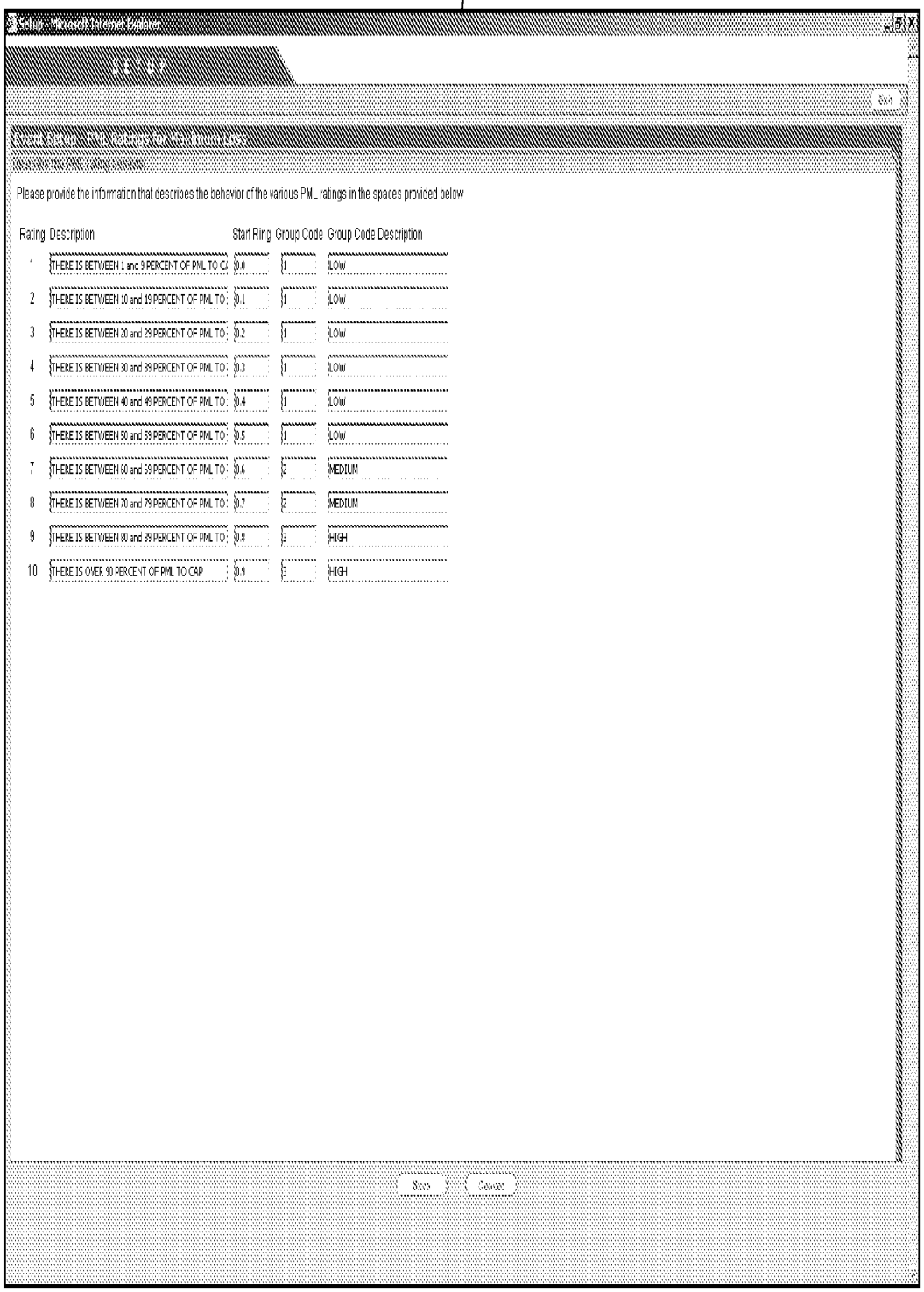

Please provide the information that describes the behavior of the various PML ratings in the spaces provided below
Rating Description Start Ring Group Code Group Code Description
1 THERE IS BETWEEN 1 and 9 PERCENT OF PML TO CA 0.0 1 LOW
2 THERE IS BETWEEN 10 and 19 PERCENT OF PML TO 0.1 1 LOW
3 THERE IS BETWEEN 20 and 29 PERCENT OF PML TO 0.2 1 LOW
4 THERE IS BETWEEN 30 and 39 PERCENT OF PML TO 0.3 1 LOW
5 THERE IS BETWEEN 40 and 49 PERCENT OF PML TO 0.4 1 LOW
6 THERE IS BETWEEN 50 and 59 PERCENT OF PML TO 0.5 1 LOW
7 THERE IS BETWEEN 60 and 69 PERCENT OF PML TO 0.6 2 MEDIUM
8 THERE IS BETWEEN 70 and 79 PERCENT OF PML TO 0.7 2 MEDIUM
9 THERE IS BETWEEN 80 and 89 PERCENT OF PML TO 0.9 3 HIGH
10 THERE IS OVER 90 PERCENT OF PML TO CAP 0.9 3 HIGH

FIG. 10

1100


Select a landmark from the list provided below.
Landmark Name:
--Select Landmark--
Enable Landmark
Provide the address of the landmark in the space provided below.
Street:
City:
St:
Zip:
+4
Latitude:
Longitude:
GeoResult Code:
Provide attribute data for the landmark in the space provided below.
CAP:
PML Adjustment:
Cap Breakout

FIG. 11

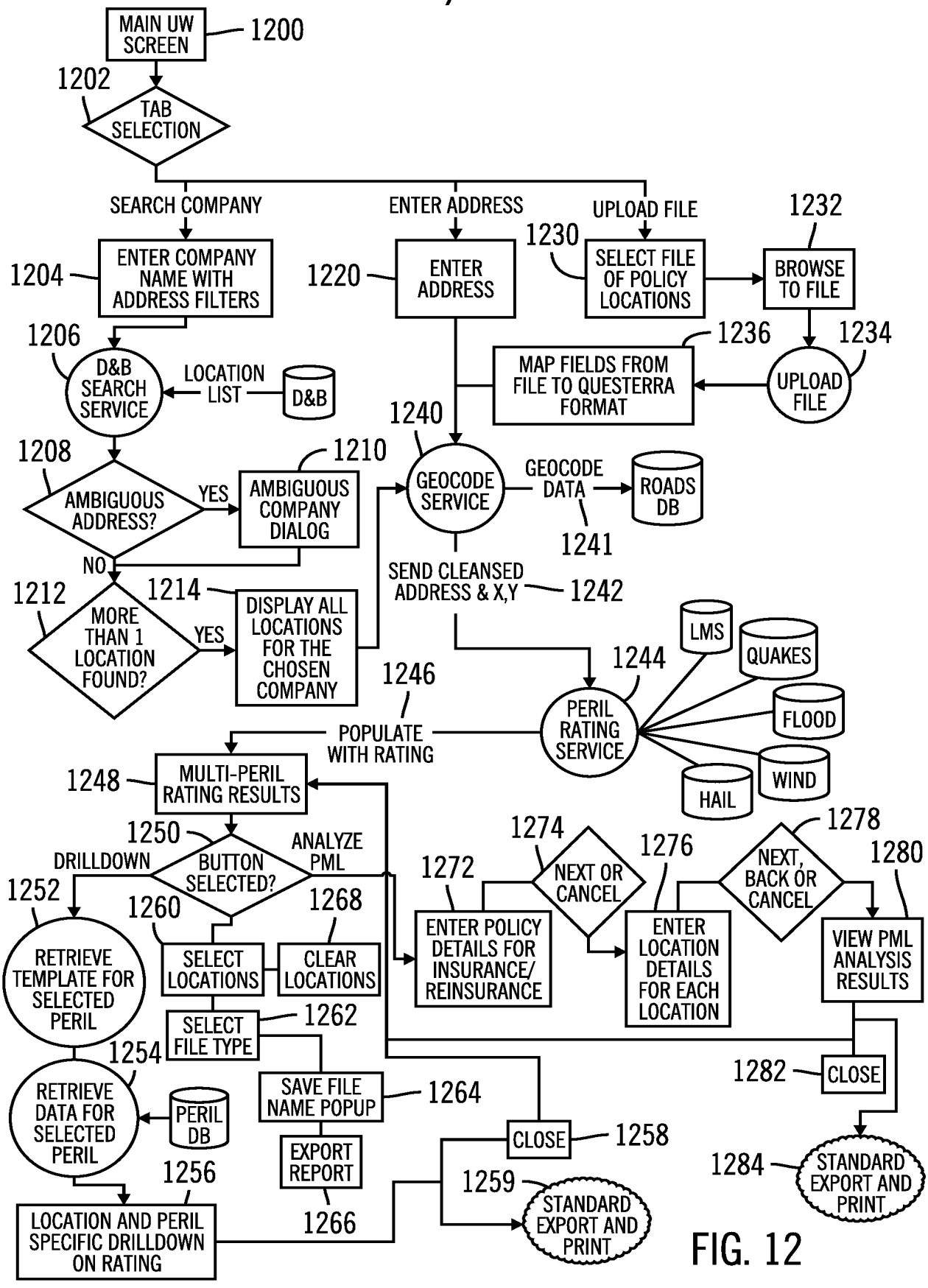

MAIN UW SCREEN
1200
1202
TAB SELECTION
SEARCH COMPANY
ENTER ADDRESS
UPLOAD FILE
1232
1230
ENTER COMPANY NAME WITH ADDRESS FILTERS
1204
1220
ENTER ADDRESS
SELECT FILE OF POLICY LOCATIONS
BROWSE TO FILE
1206
1236
1234
D&B SEARCH SERVICE
LOCATION LIST
D&B
MAP FIELDS FROM FILE TO QUESTERRA FORMAT
UPLOAD FILE
1240
1208
1210
AMBIGUOUS ADDRESS?
YES
AMBIGUOUS COMPANY DIALOG
GEOCODE SERVICE
GEOCODE DATA
ROADS DB
1241
NO
SEND CLEANSED ADDRESS & X,Y
1242
1212
1214
MORE THAN 1 LOCATION FOUND?
YES
DISPLAY ALL LOCATIONS FOR THE CHOSEN COMPANY
LMS
QUAKES
1244
1246
FLOOD
PERIL RATING SERVICE
POPULATE WITH RATING
HAIL
WIND
1248
MULTI-PERIL RATING RESULTS
1250
1274
1278
1276
1280
1272
DRILLDOWN
BUTTON SELECTED?
ANALYZE PML
NEXT OR CANCEL
NEXT, BACK OR CANCEL
1252
1260
1268
ENTER POLICY DETAILS FOR INSURANCE/ REINSURANCE
ENTER LOCATION DETAILS FOR EACH LOCATION
VIEW PML ANALYSIS RESULTS
RETRIEVE TEMPLATE FOR SELECTED PERIL
SELECT LOCATIONS
CLEAR LOCATIONS
SELECT FILE TYPE
1262
1254
1282
CLOSE
RETRIEVE DATA FOR SELECTED PERIL
PERIL DB
SAVE FILE NAME POPUP
1264
1284
CLOSE
1258
EXPORT REPORT
1259
STANDARD EXPORT AND PRINT
1256
1266
LOCATION AND PERIL SPECIFIC DRILLDOWN ON RATING
STANDARD EXPORT AND PRINT

FIG. 12

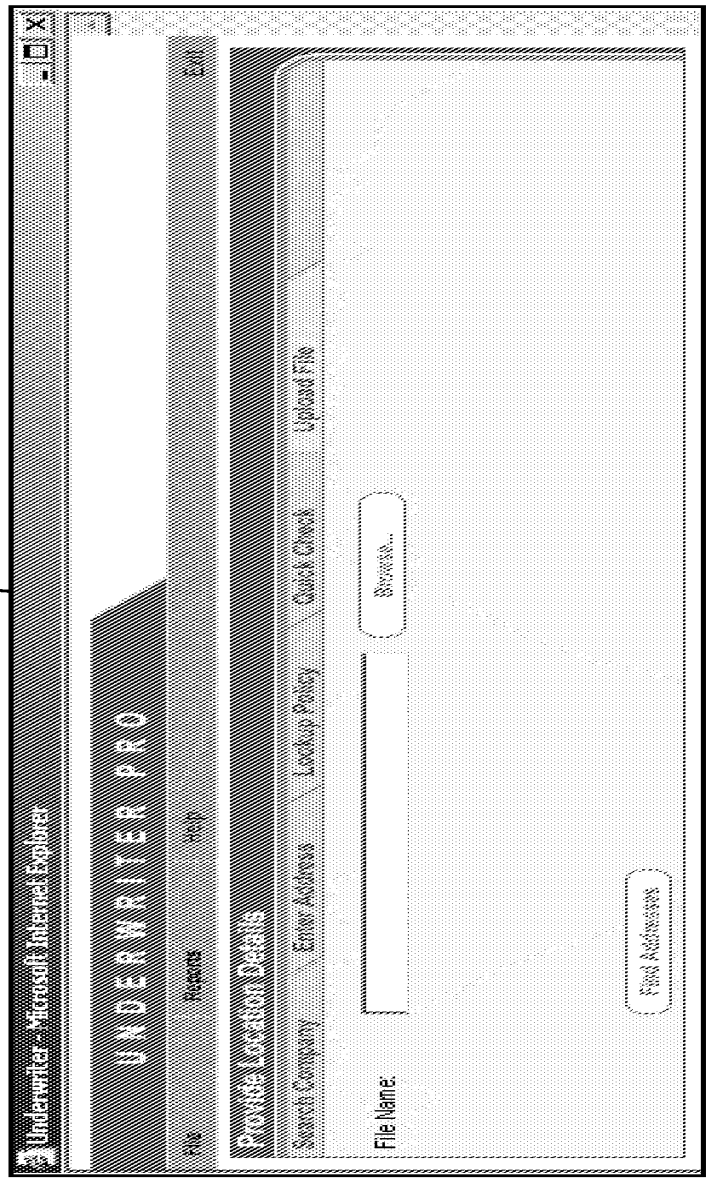

1300
UNDERWRITER PRO
Help
Exit
Provide Location Details
Server Directory
Enter Address
Lookup Policy
Check Check
Upload File
File Name:
Browse...
Find Addresses

FIG. 13

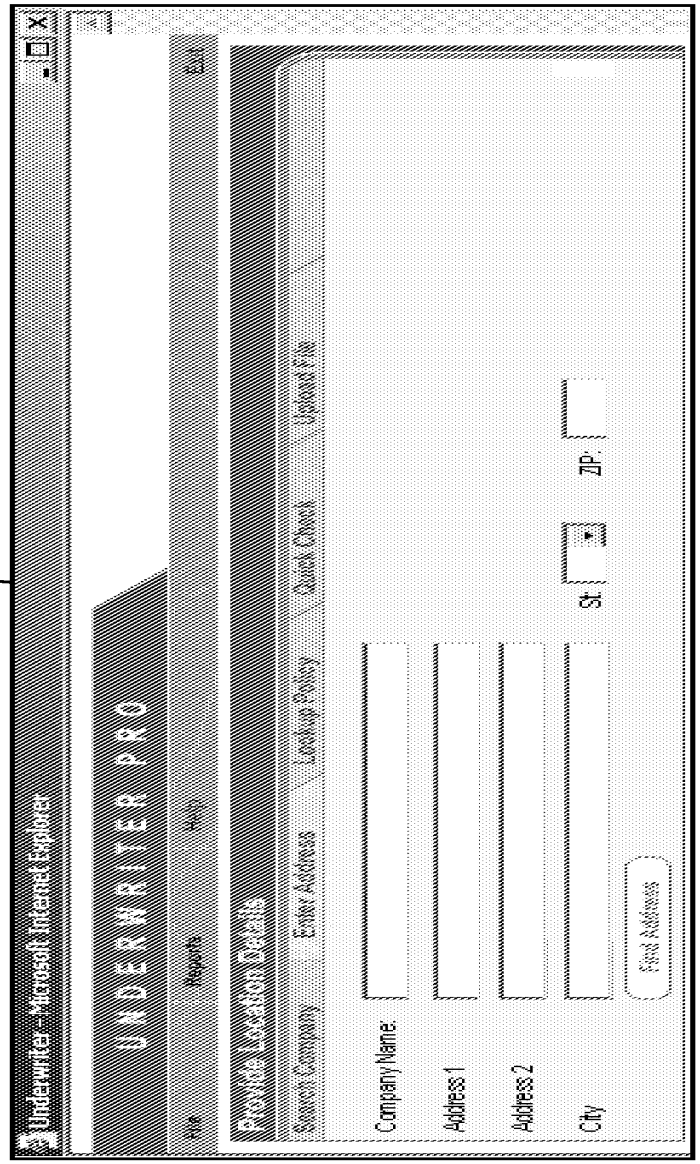

1400
Underwriter - Microsoft Internet Explorer
UNDERRITER PRO
File
Reports
Exit
Provide Location Details
Search Company
Enter Address
Lookup Policy
Quick Quote
Upload Fi
Company Name:
Address 1
Address 2
City
St:
ZIP:
Find Address

FIG. 14

1500

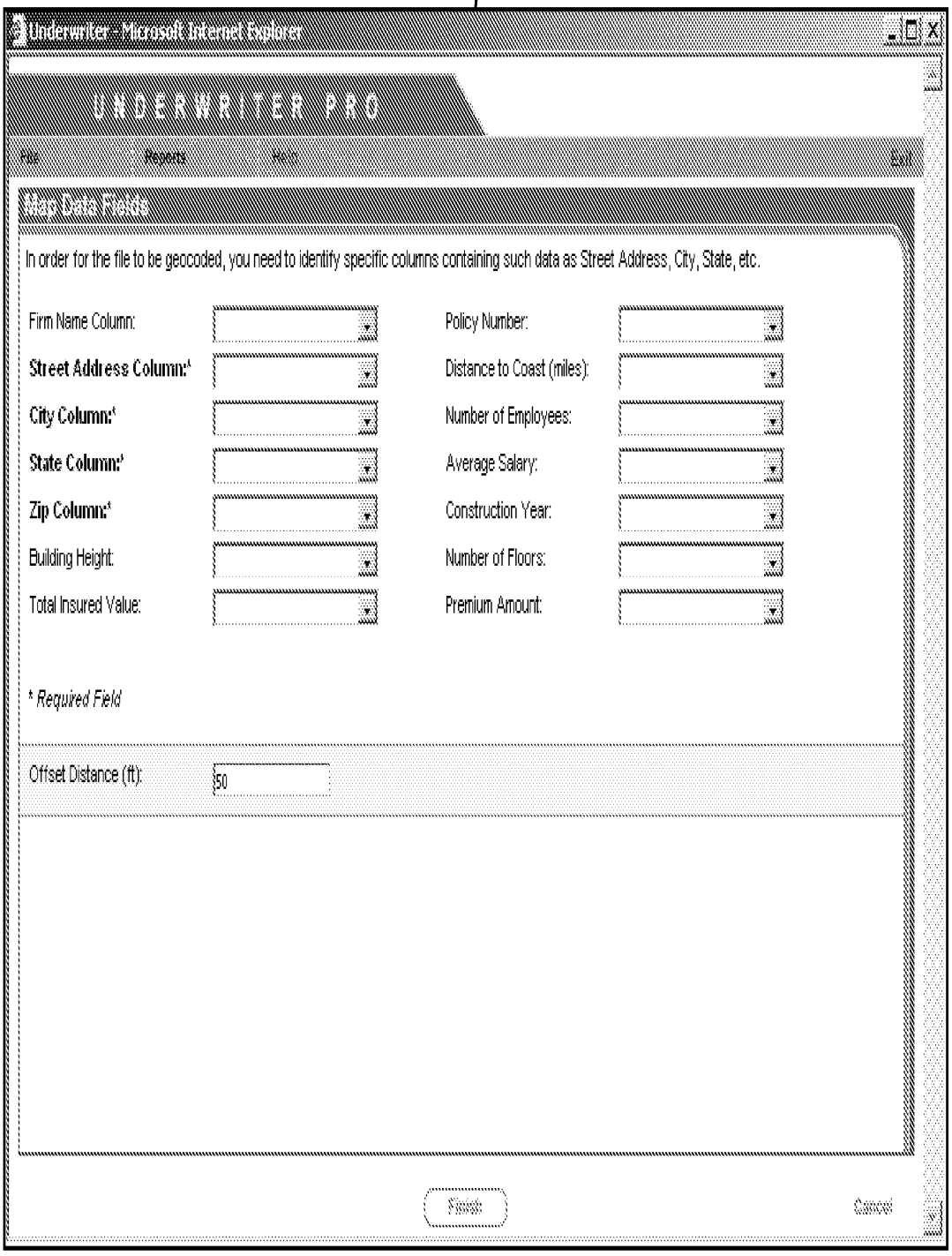

Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Help
Exit
User Data Fields
In order for the file to be geocoded, you need to identify specific columns containing such data as Street Address, City, State, etc.
Firm Name Column:
Street Address Column:*
City Column:*
State Column:*
Zip Column:*
Building Height:
Total Insured Value:
Policy Number:
Distance to Coast (miles):
Number of Employees:
Average Salary:
Construction Year:
Number of Floors:
Premium Amount:
* Required Field
Offset Distance (ft):
50
Finish
Cancel

FIG. 15

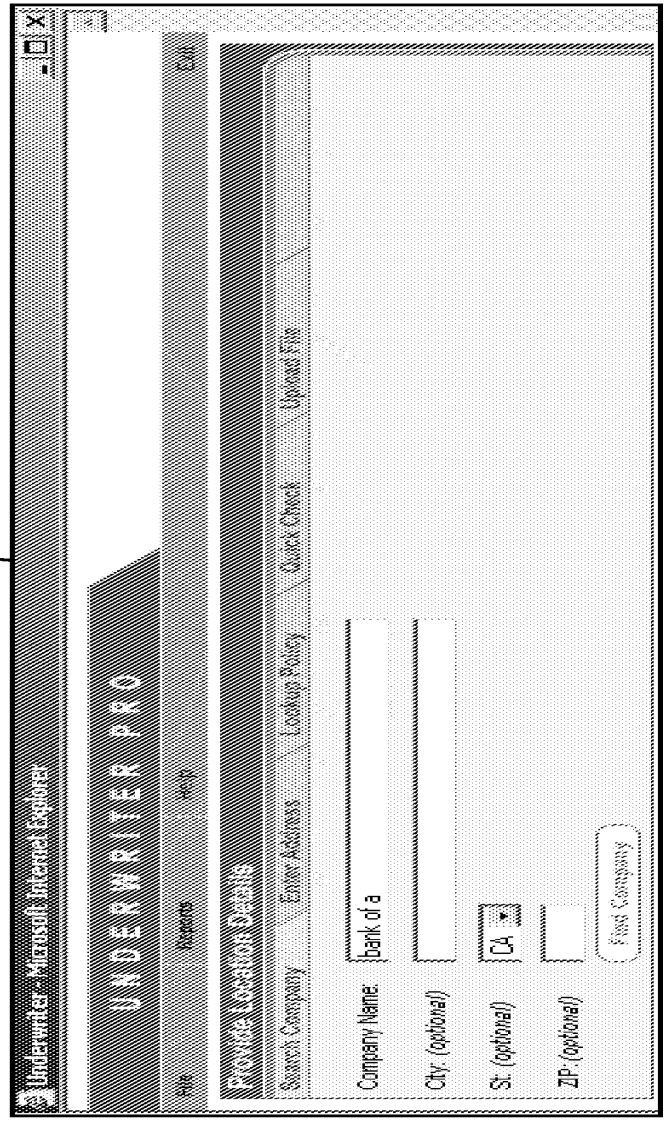

1600
UNDERWRITER PRO
Provide Location Details
Search Company
Enter Address
Lookup Policy
Quick Check
Upload File
Company Name:
bank of a
City: (optional)
St: (optional)
CA
ZIP: (optional)
Find Company

FIG. 16

1700

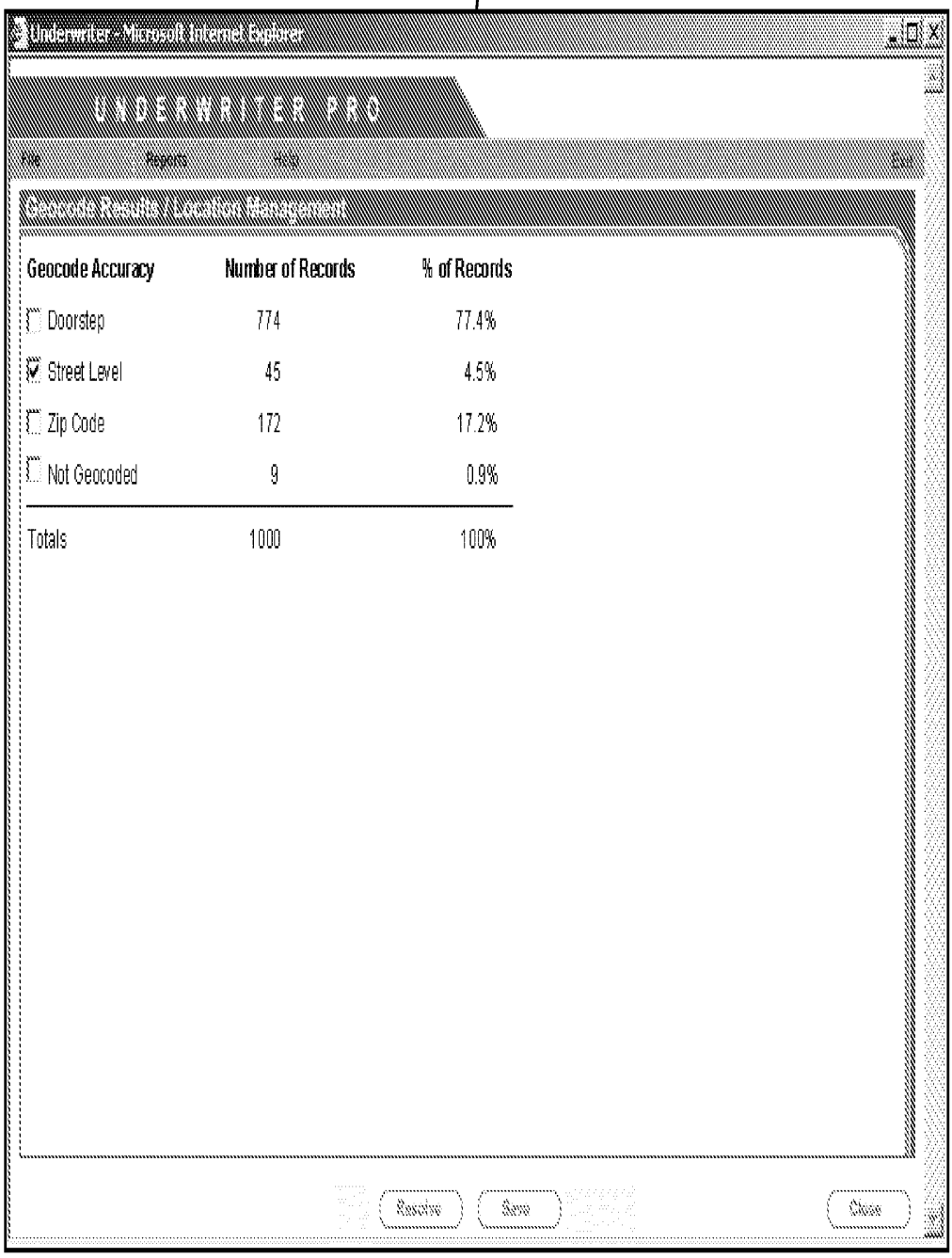

Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Exit
Geocode Results | Location Management
Geocode Accuracy
Number of Records
% of Records
Doorstep
774
77.4%
Street Level
45
4.5%
Zip Code
172
17.2%
Not Geocoded
9
0.9%
Totals
1000
100%
Recalculate
Save
Close

FIG. 17

1800

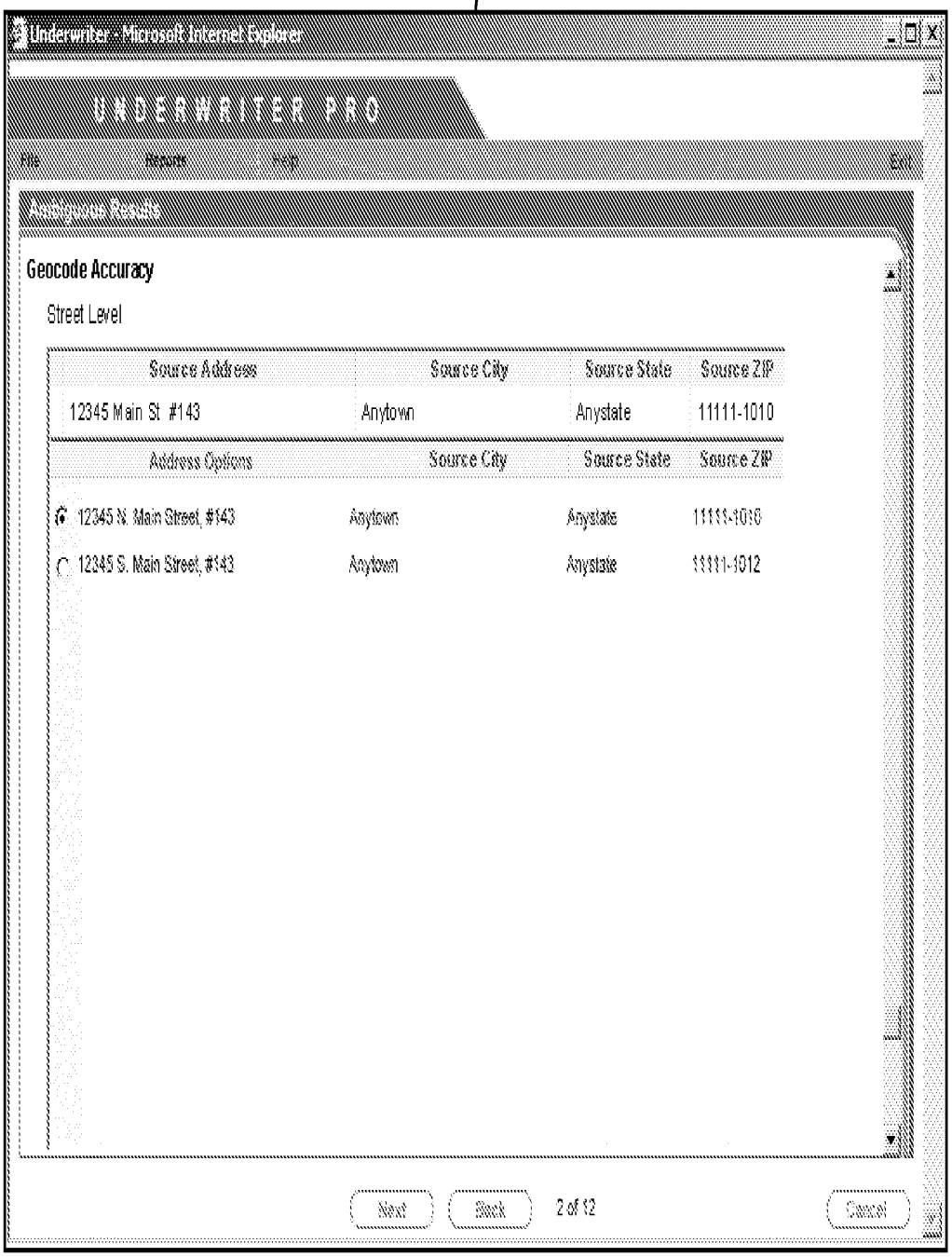

Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Help
Exit
Ambiguous Results
Geocode Accuracy
Street Level
Source Address
Source City
Source State
Source ZIP
12345 Main St #143
Anytown
Anystate
11111-1010
Address Options
Source City
Source State
Source ZIP
12345 N. Main Street, #143
Anytown
Anystate
11111-1010
12345 S. Main Street, #143
Anytown
Anystate
11111-1012
Next
Back
2 of 12
Cancel

FIG. 18

1900

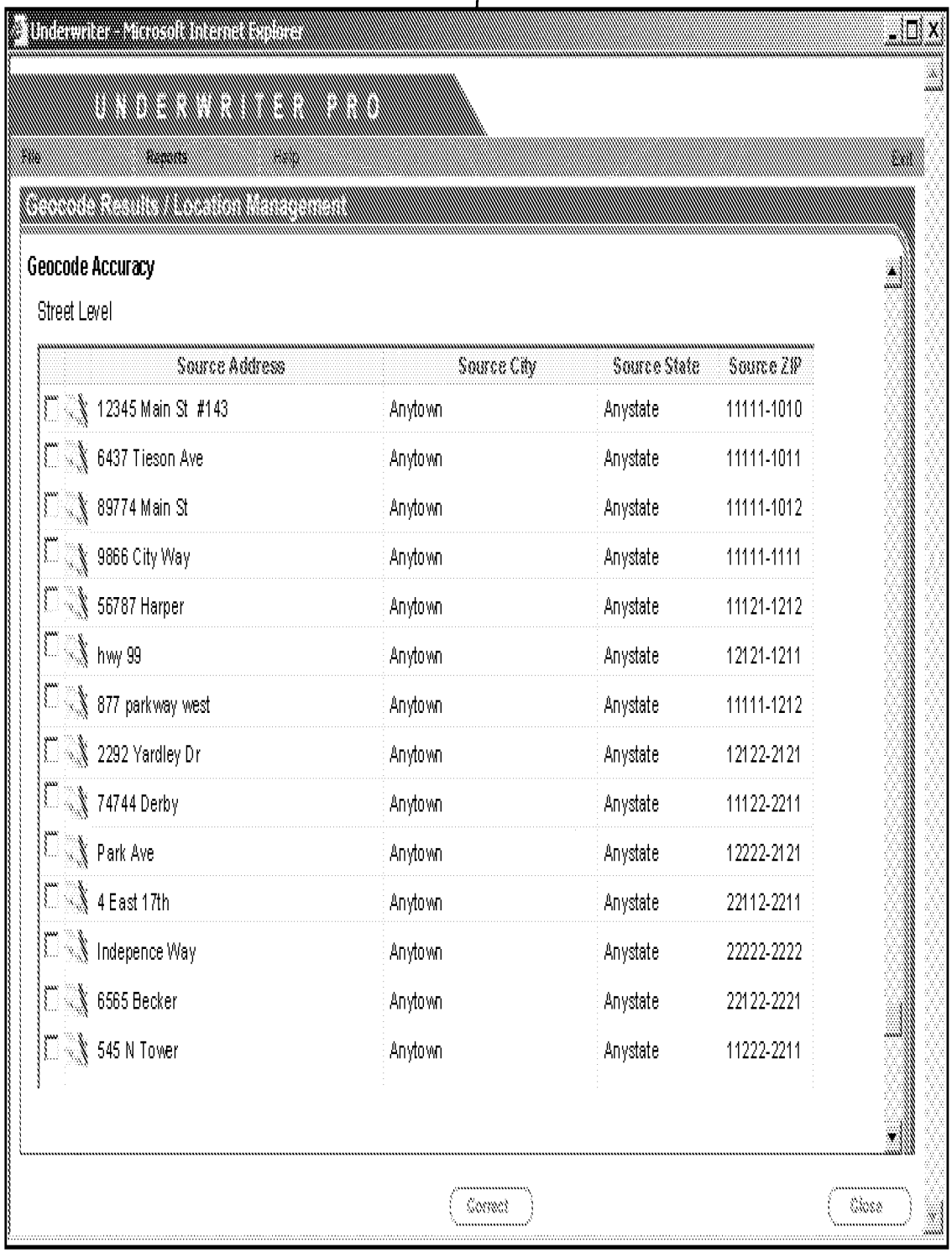

Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Help
Exit
Geocode Results / Location Management
Geocode Accuracy
Street Level
Source Address
Source City
Source State
Source ZIP
12345 Main St #143
Anytown
Anystate
11111-1010
6437 Tieson Ave
Anytown
Anystate
11111-1011
89774 Main St
Anytown
Anystate
11111-1012
9866 City Way
Anytown
Anystate
11111-1111
56787 Harper
Anytown
Anystate
11121-1212
hwy 99
Anytown
Anystate
12121-1211
877 parkway west
Anytown
Anystate
11111-1212
2292 Yardley Dr
Anytown
Anystate
12122-2121
74744 Derby
Anytown
Anystate
11122-2211
Park Ave
Anytown
Anystate
12222-2121
4 East 17th
Anytown
Anystate
22112-2211
Indepence Way
Anytown
Anystate
22222-2222
6565 Becker
Anytown
Anystate
22122-2221
545 N Tower
Anytown
Anystate
11222-2211
Correct
Close

FIG. 19

2000
UNDERWRITER PRO
Underwriter Manager Internet Explorer
File
Edit
Reports
Help
AVE VISTA MONTANA
AVE PRESIDIO
CALLE MIGUEL
CALLE PRIMAVERA
AVE PICO
EL CAMINO REAL
PACIFIC COAST HWY
San Clemente
Scale 1:24000
Show
Options
0
0.56 mi

FIG. 20

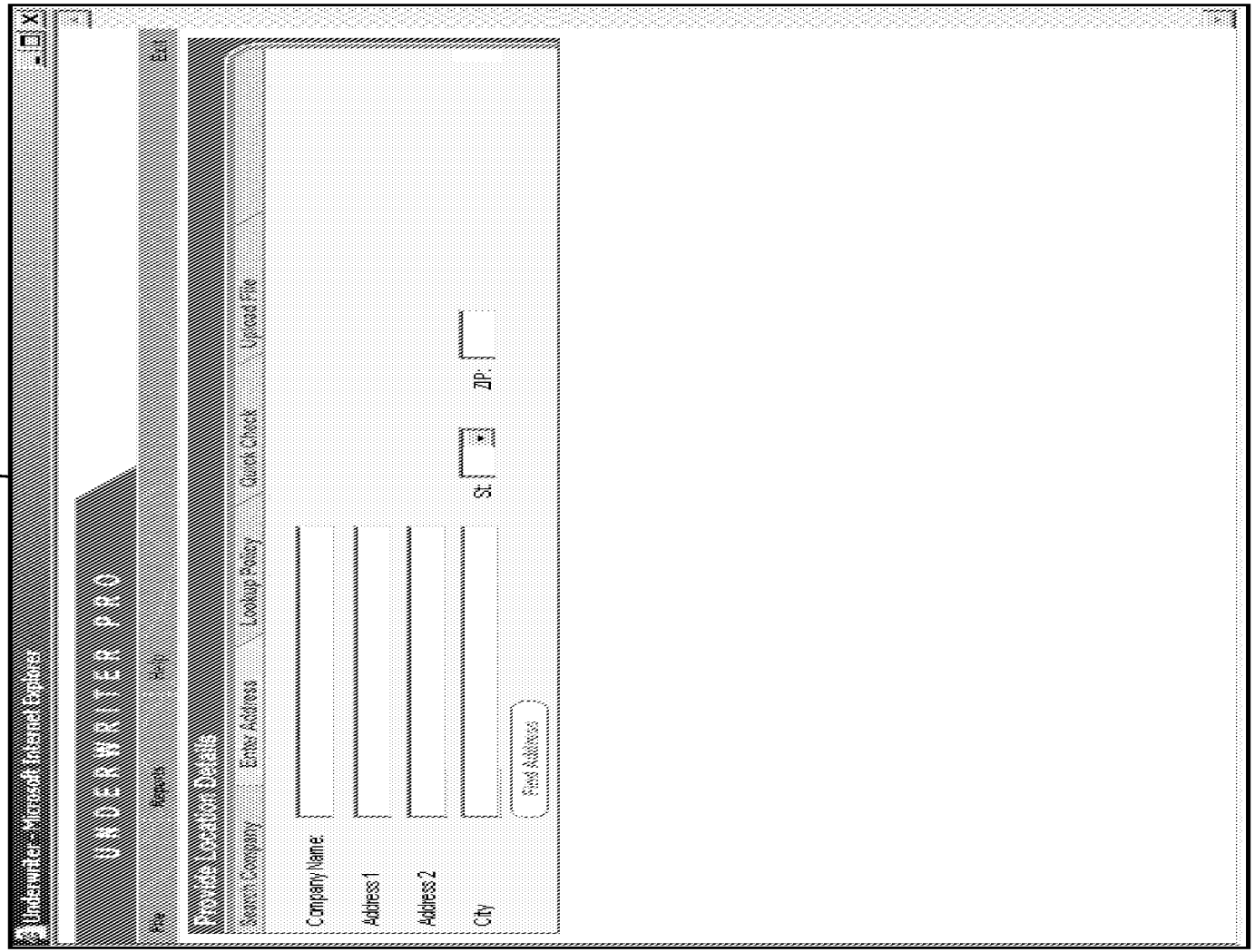

2100
Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Actions
Help
Create/Edit Location Details
Access Company
Enter Address
Lookup Policy
Credit Check
Upload File
Company Name:
Address 1
Address 2
City
St:
ZIP:
Find Address

FIG. 21

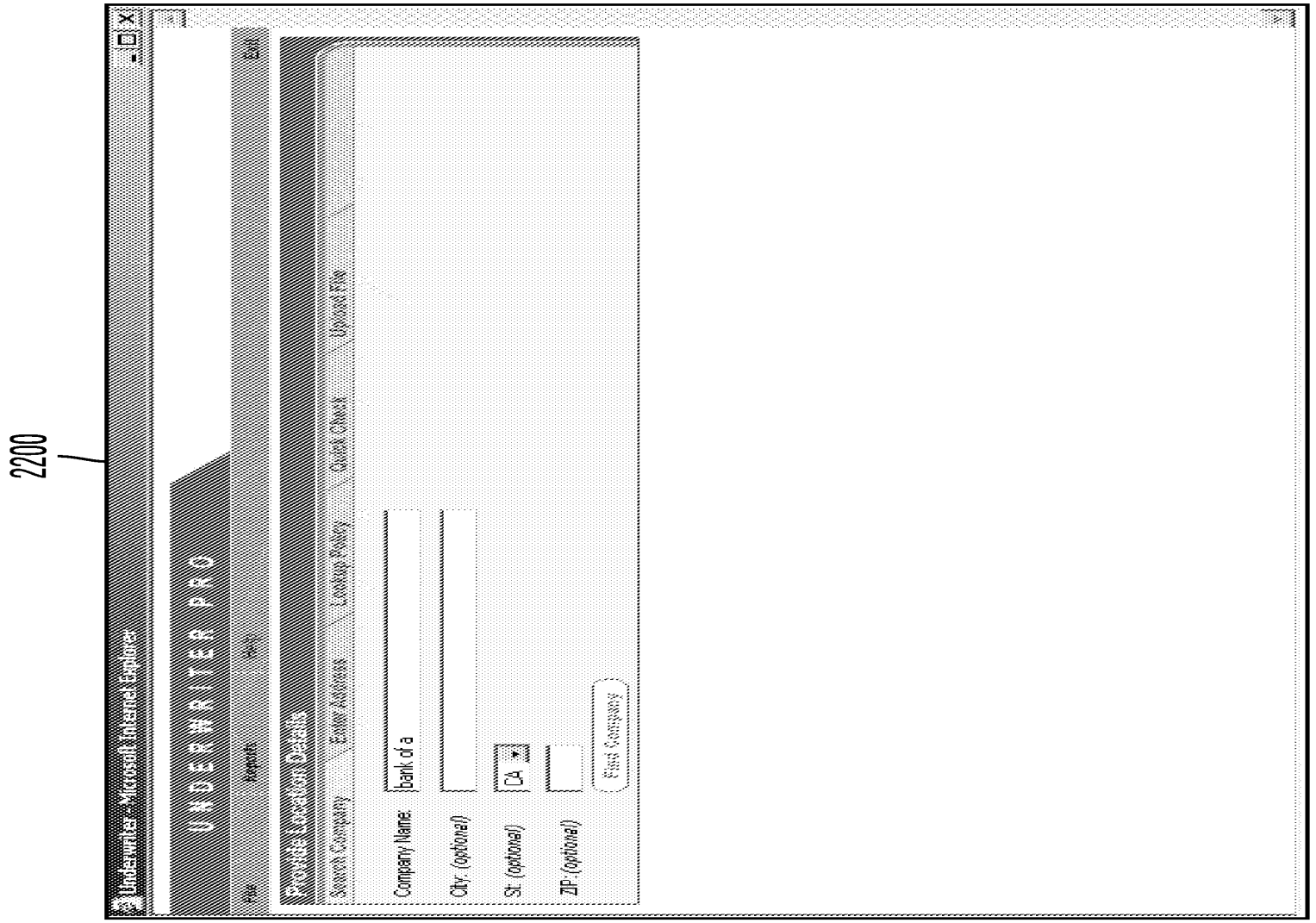

2200
UNDERWRITER PRO
File
Reports
Exit
Provide Location Details
Search Company
Enter Address
Lookup Zip(s)
Quick Check
Upload File
Company Name:
bank of a
City: (optional)
St: (optional)
CA
ZIP: (optional)
Find Company

FIG. 22

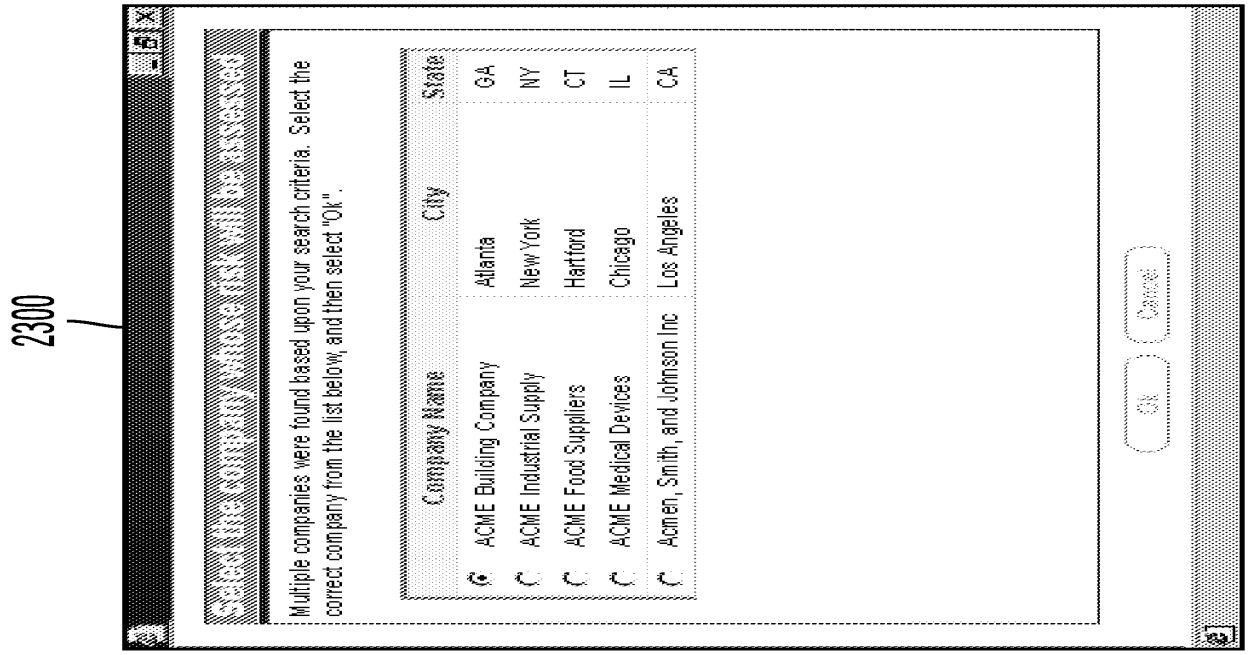

2300
Select Your Company Name from the List Below
Multiple companies were found based upon your search criteria. Select the correct company from the list below, and then select "Ok".
Company Name
City
State
ACME Building Company
Atlanta
GA
ACME Industrial Supply
New York
NY
ACME Food Suppliers
Hartford
CT
ACME Medical Devices
Chicago
IL
Acmen, Smith, and Johnson Inc
Los Angeles
CA
Ok
Cancel

FIG. 23

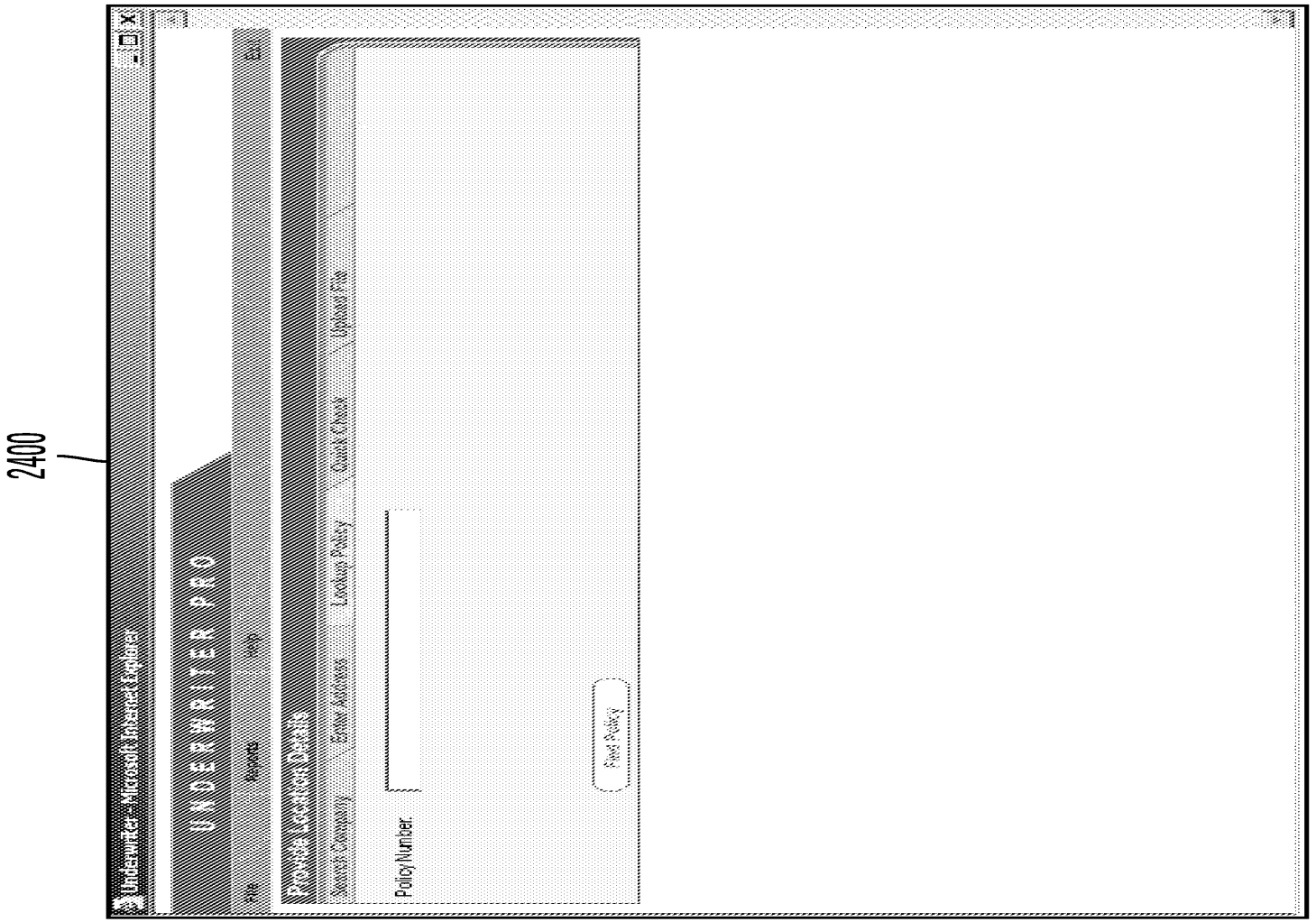

2400
Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Edit
Search
Provider Location Details
Search Geography
Enter Address
Lookup Policy
Quick Quote
Upload File
Policy Number
Read Policy

FIG. 24

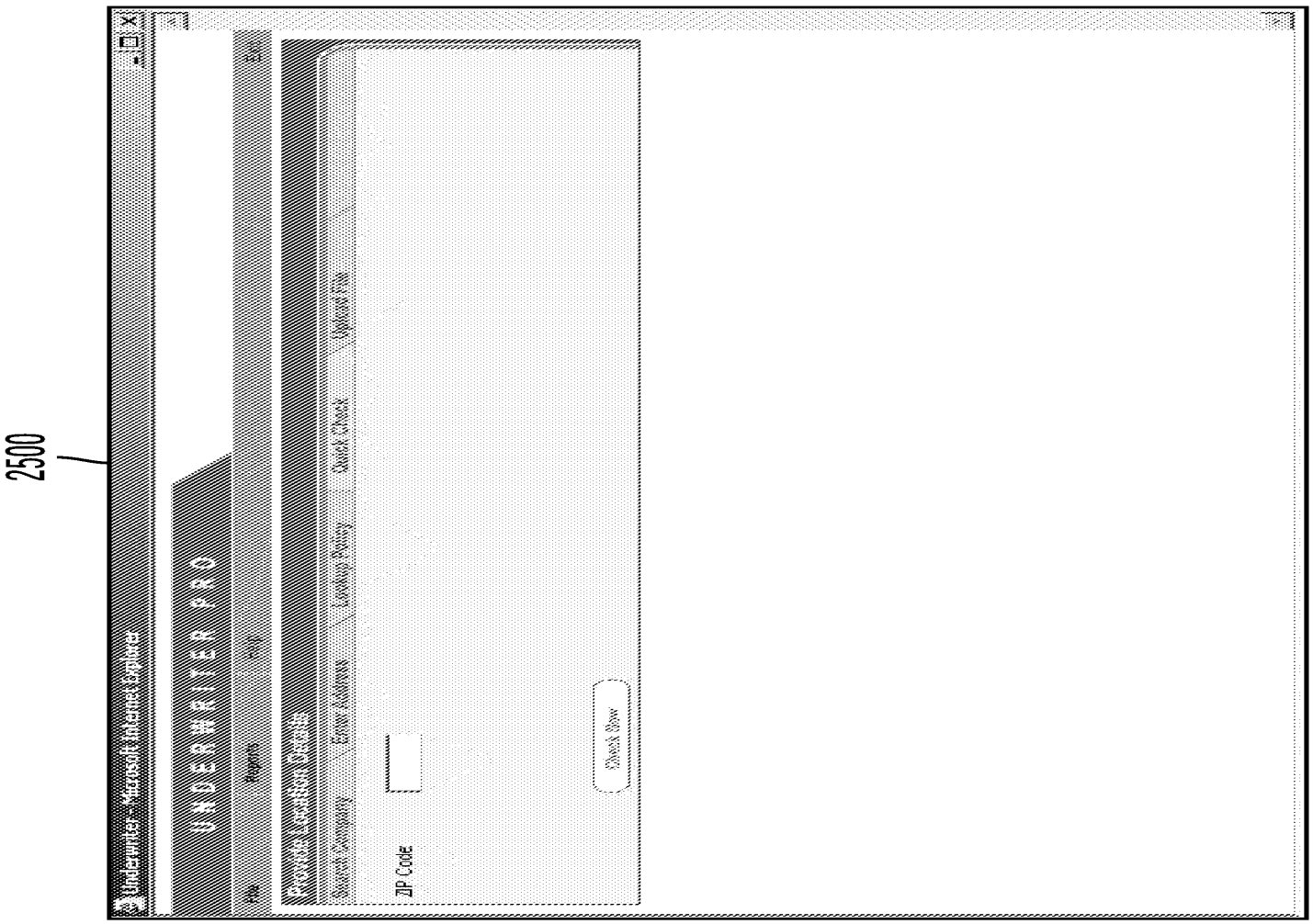
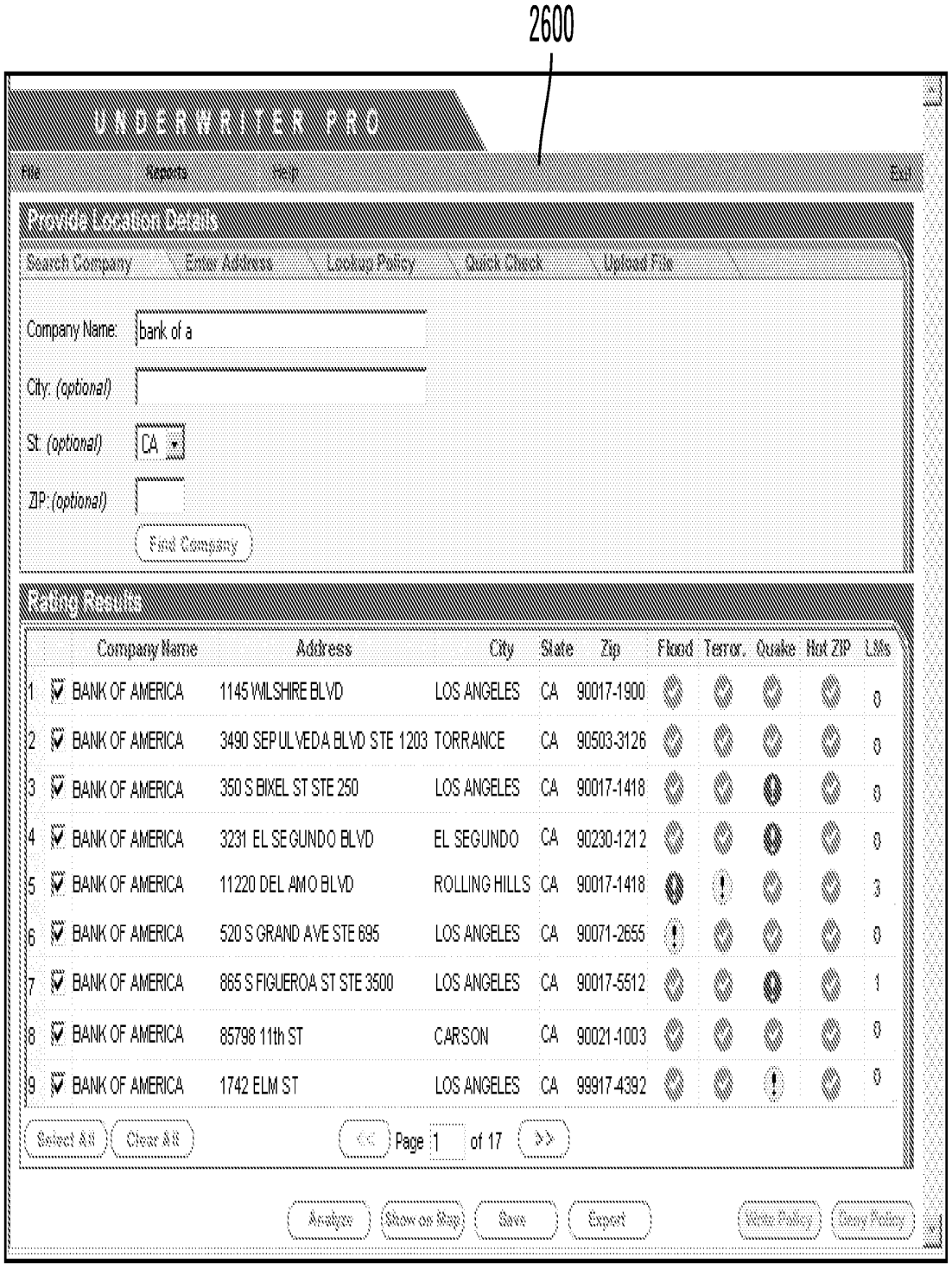

2500
Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
Reports
Property Location Details
Search Summary
Enter Address
Loading Policy
Quick Check
Approved Info
ZIP Code
Check Now

FIG. 25

FIG. 26


2600
UNDERWRITER PRO
File
Reports
Help
Exit
Provide Location Details
Search Company
Enter Address
Looking Policy
Quick Check
Upload File
Company Name:
bank of a
City: (optional)
St: (optional)
CA
ZIP: (optional)
Find Company
Rating Results
Company Name
Address
City
State
Zip
Flood
Terror.
Quake
Not ZIP
Lifts
1 BANK OF AMERICA 1145 WILSHIRE BLVD LOS ANGELES CA 90017-1900 0
2 BANK OF AMERICA 3490 SEPULVEDA BLVD STE 1203 TORRANCE CA 90503-3126 0
3 BANK OF AMERICA 350 S BIXEL ST STE 250 LOS ANGELES CA 90017-1418 0
4 BANK OF AMERICA 3231 EL SEGUNDO BLVD EL SEGUNDO CA 90230-1212 0
5 BANK OF AMERICA 11220 DEL AMO BLVD ROLLING HILLS CA 90017-1418 3
6 BANK OF AMERICA 520 S GRAND AVE STE 695 LOS ANGELES CA 90071-2655 0
7 BANK OF AMERICA 865 S FIGUEROA ST STE 3500 LOS ANGELES CA 90017-5512 1
8 BANK OF AMERICA 85798 11th ST CARSON CA 90021-1003 0
9 BANK OF AMERICA 1742 ELM ST LOS ANGELES CA 99917-4392 0
Select All
Clear All
<<
Page 1 of 17
>>
Analyze
Show on Map
Save
Export
New Policy
Copy Policy

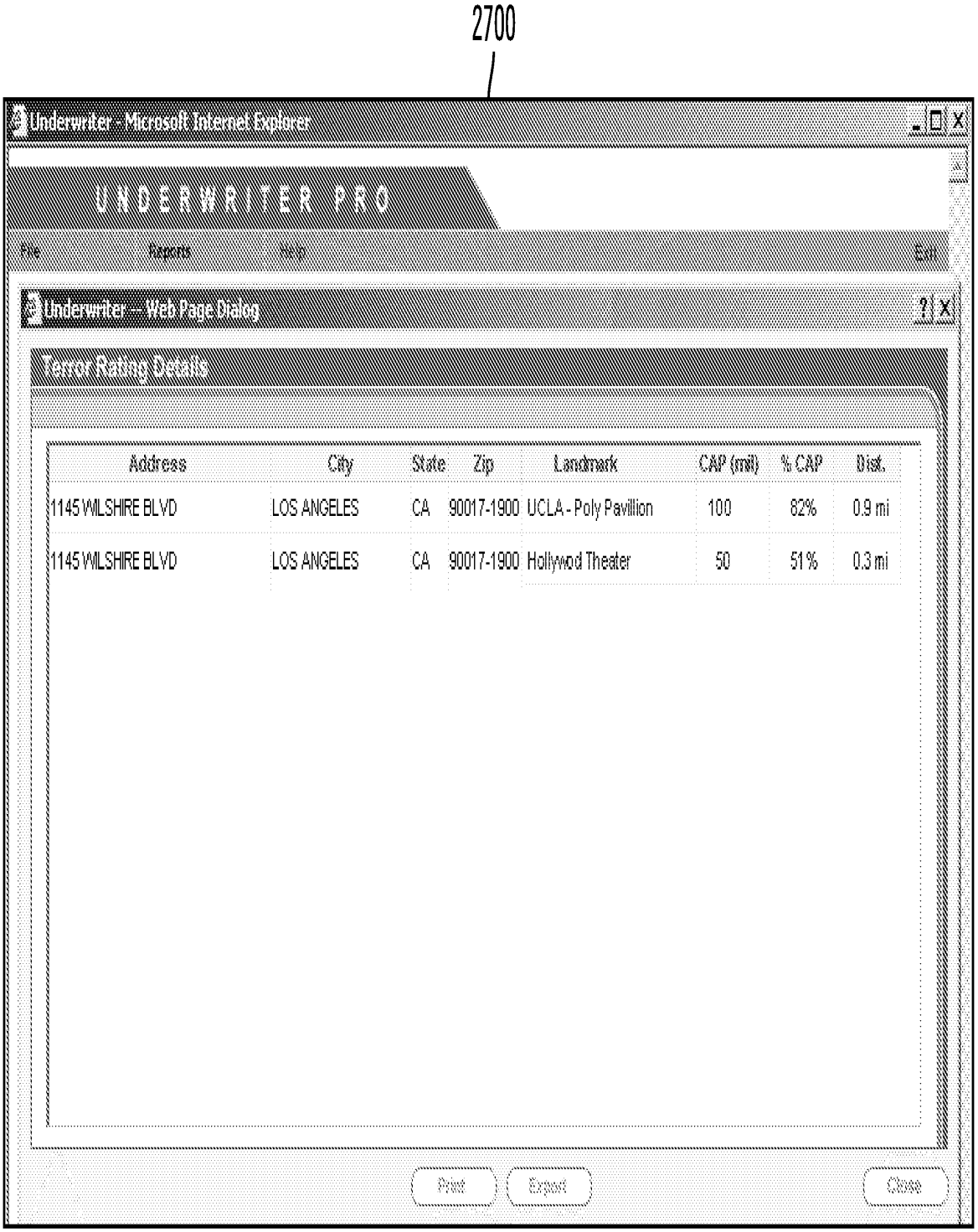

2700
Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Help
Exit
Underwriter - Web Page Dialog
Terror Rating Details
Address
City
State
Zip
Landmark
CAP (mil)
% CAP
Dist.
1145 WILSHIRE BLVD
LOS ANGELES
CA
90017-1900
UCLA - Poly Pavillion
100
82%
0.9 mi
1145 WILSHIRE BLVD
LOS ANGELES
CA
90017-1900
Hollywood Theater
50
51%
0.3 mi
Print
Export
Close

FIG. 27

FIG. 28


2800
UNDERWRITER PRO
File
Reports
Help
Exit
Provide Location Details
Search Company
Enter Address
Lookup Policy
Quick Check
Upload File
Company Name:
bank of a
City: (optional)
St: (optional)
CA
ZIP: (optional)
Find Company
Rating Results
Company Name
Address
City
State
Zip
Flood
Terror.
Quake
Hot ZIP
LMIs
1 BANK OF AMERICA 1145 WILSHIRE BLVD LOS ANGELES CA 90017-1900 0
2 BANK OF AMERICA 3490 SEPULVEDA BLVD STE 1203 TORRANCE CA 90503-3126 0
3 BANK OF AMERICA 350 S BIXEL ST STE 250 LOS ANGELES CA 90017-1418 0
4 BANK OF AMERICA 3231 EL SEGUNDO BLVD EL SEGUNDO CA 90230-1212 0
5 BANK OF AMERICA 11220 DEL AMO BLVD ROLLING HILLS CA 90017-1418 3
6 BANK OF AMERICA 520 S GRAND AVE STE 695 LOS ANGELES CA 90071-2655 0
7 BANK OF AMERICA 865 S FIGUEROA ST STE 3500 LOS ANGELES CA 90017-5512 1
8 BANK OF AMERICA 85798 11th ST CARSON CA 90021-1003 0
9 BANK OF AMERICA 1742 ELM ST LOS ANGELES CA 99917-4392 0
Select All
Clear All
<<
Page 1 of 17
>>
Analyze
Show on Map
Save
Export

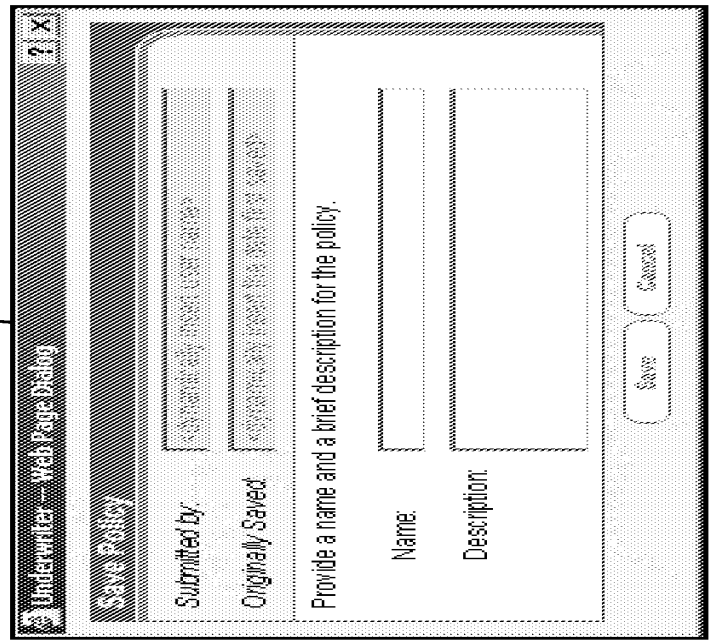

2900
Underwriter - Web Page Dialog
Save Policy
Submitted by:
Originally Saved:
Provide a name and a brief description for the policy.
Name:
Description:
Save
Cancel

FIG. 29

3000
Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Edit
Help
Close
Update
AVE PRESIDIO
AVE VISTA MONTANA
CALLE MIGUEL
CALLE FRONTERA
EL CAMINO REAL
San Clemente
AVE PICO
PACIFIC COAST HWY
0.36 mi
Scale: 1:24,000

FIG. 30

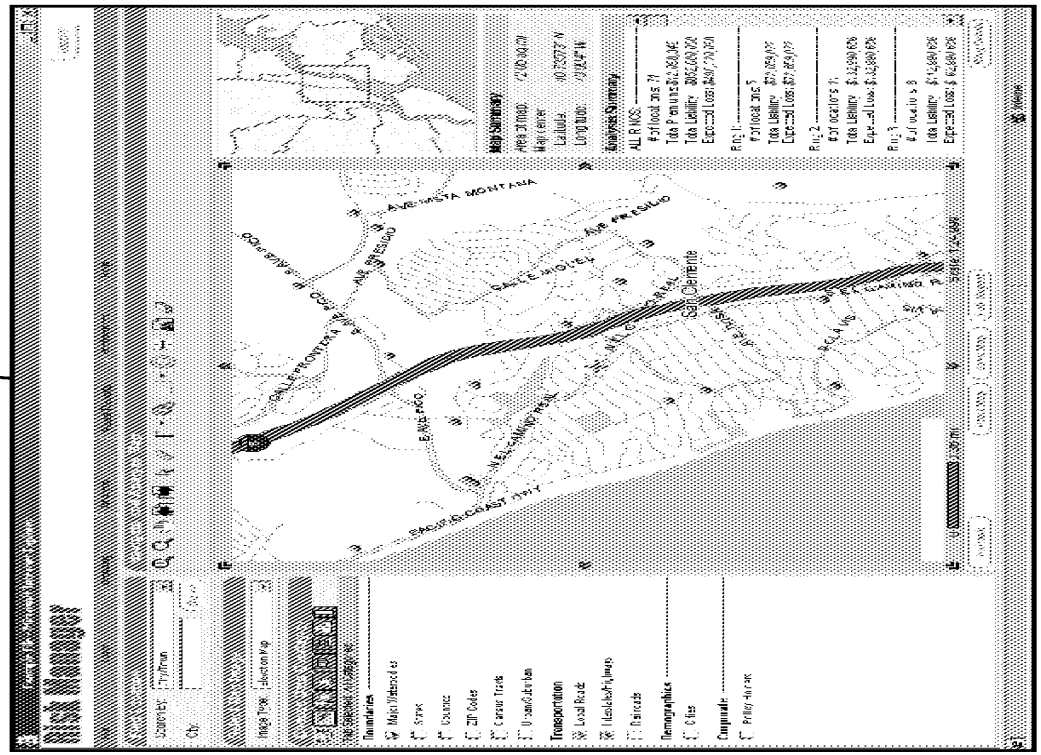

3100
Risk Manager
Boundaries
Major Watersheds
Streets
Insurance
ZIP Codes
Census Tracts
Municipalities
Transportation
Local Roads
Interstate/Highways
Railroads
Demographics
Cities
Companies
Refineries
Risk Summary
Analysis Summary
SAN CLEMENTE
SAN ONOFRE
CAMP PENDLETON
SAN MATEO
SAN DIEGO
Salt Clemente

FIG. 31

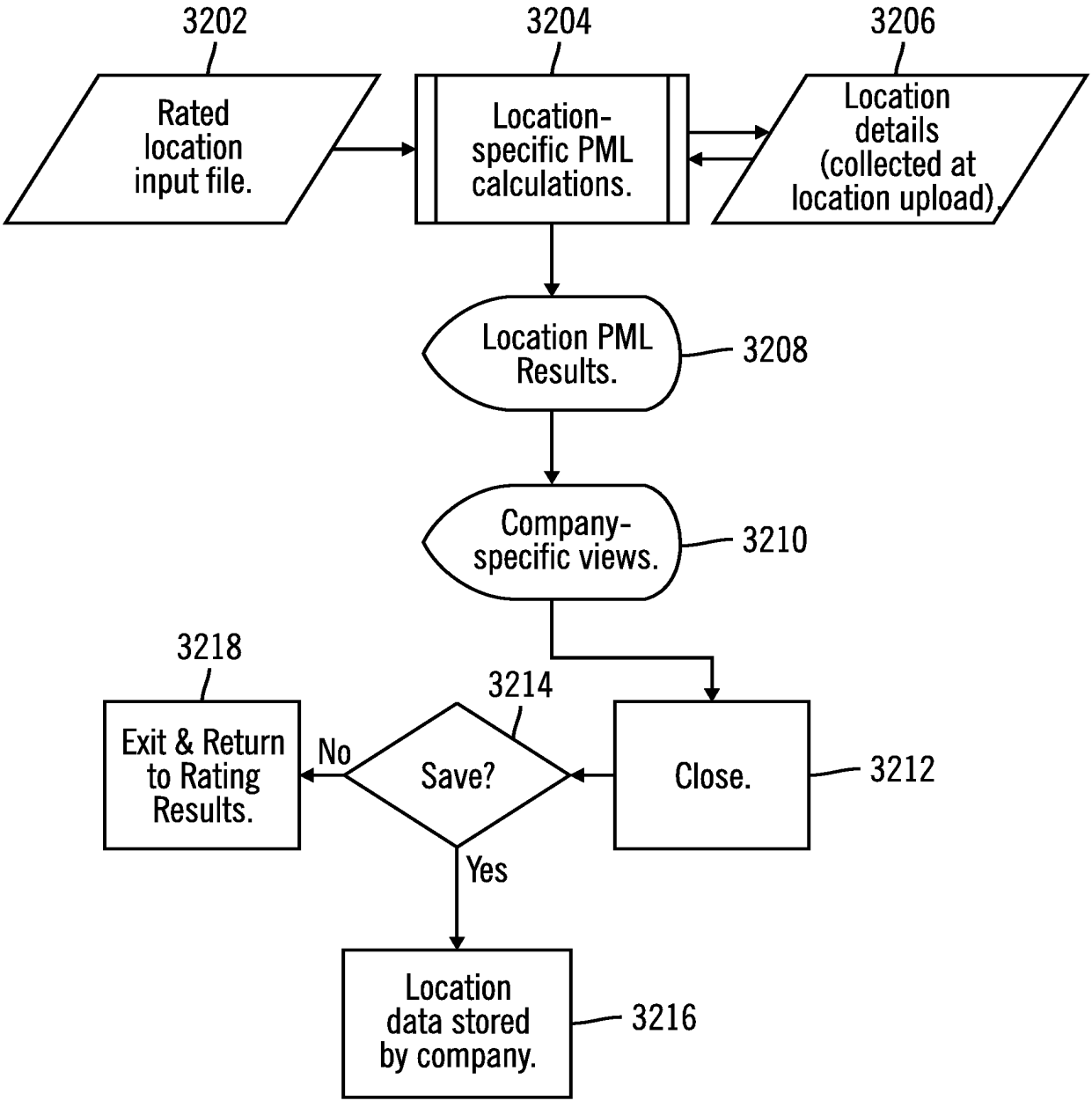

3202
3204
3206
Rated location input file.
Location-specific PML calculations.
Location details (collected at location upload)
Location PML Results.
3208
Company-specific views.
3210
3218
3214
Exit & Return to Rating Results.
No
Save?
Close.
3212
Yes
Location data stored by company.
3216

FIG. 32A

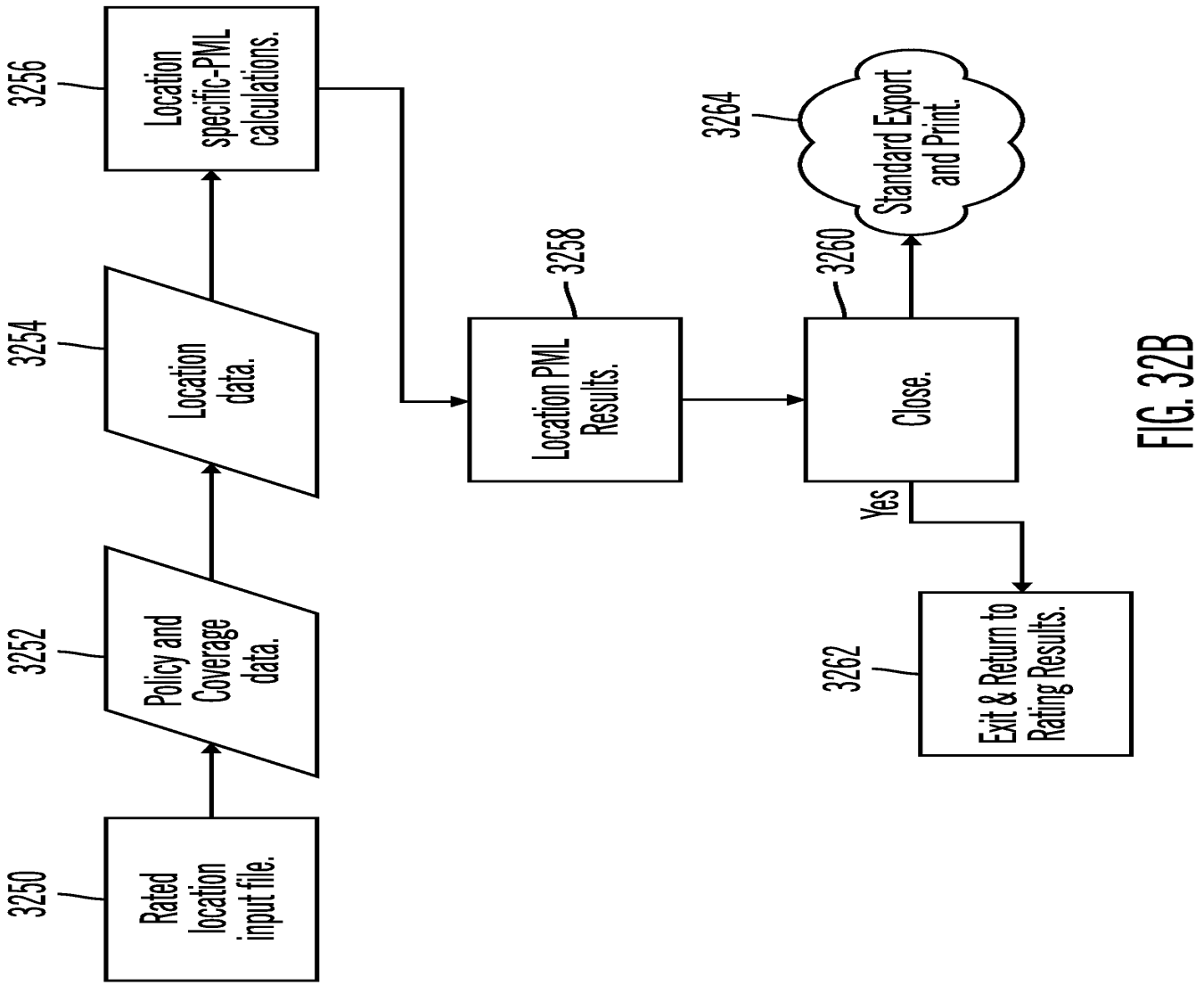

3250
Rated location input file.
3252
Policy and Coverage data.
3254
Location data.
3256
Location specific-PML calculations.
3258
Location PML Results.
3260
Close.
3262
Exit & Return to Rating Results.
3264
Standard Export and Print.
Yes

FIG. 32B

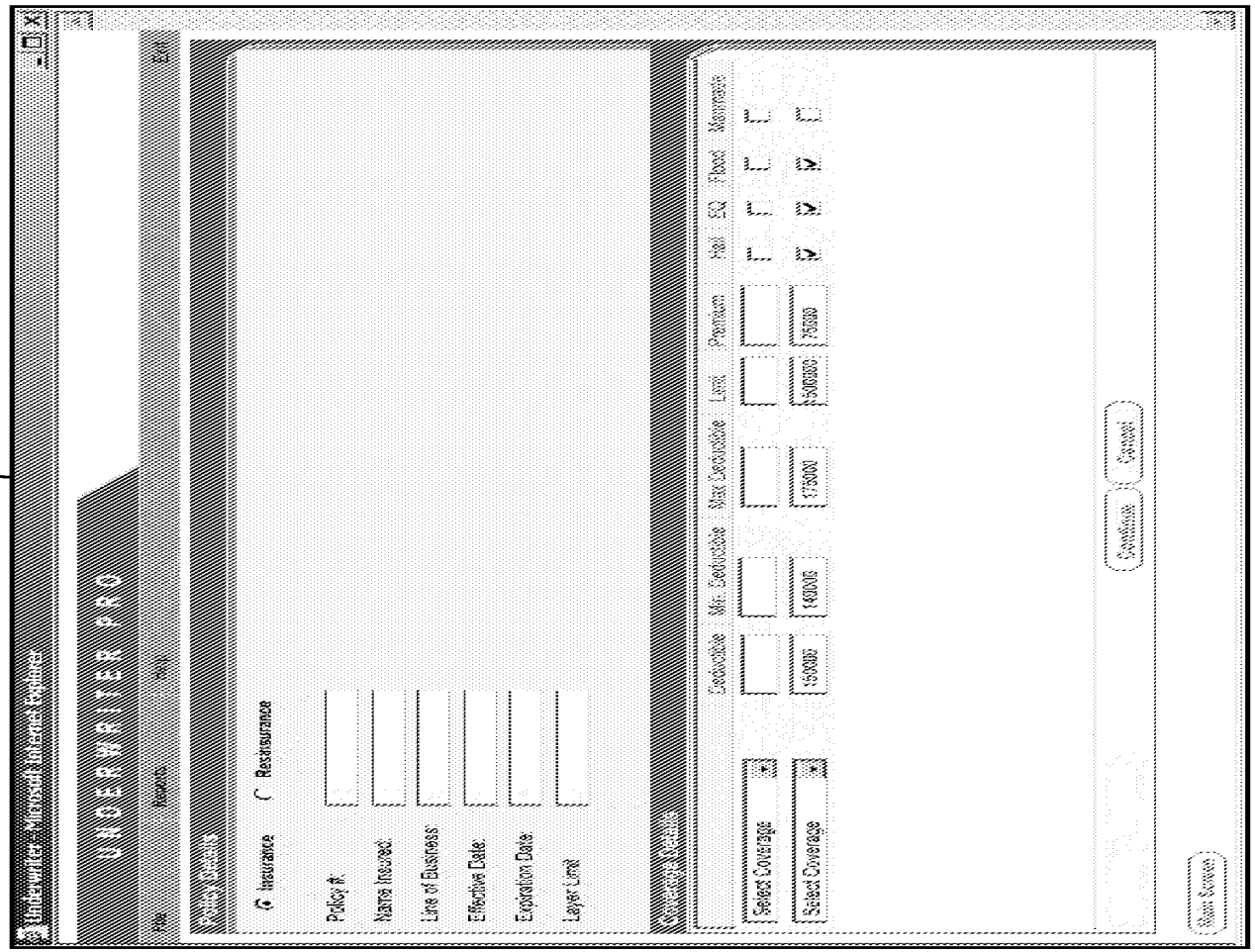
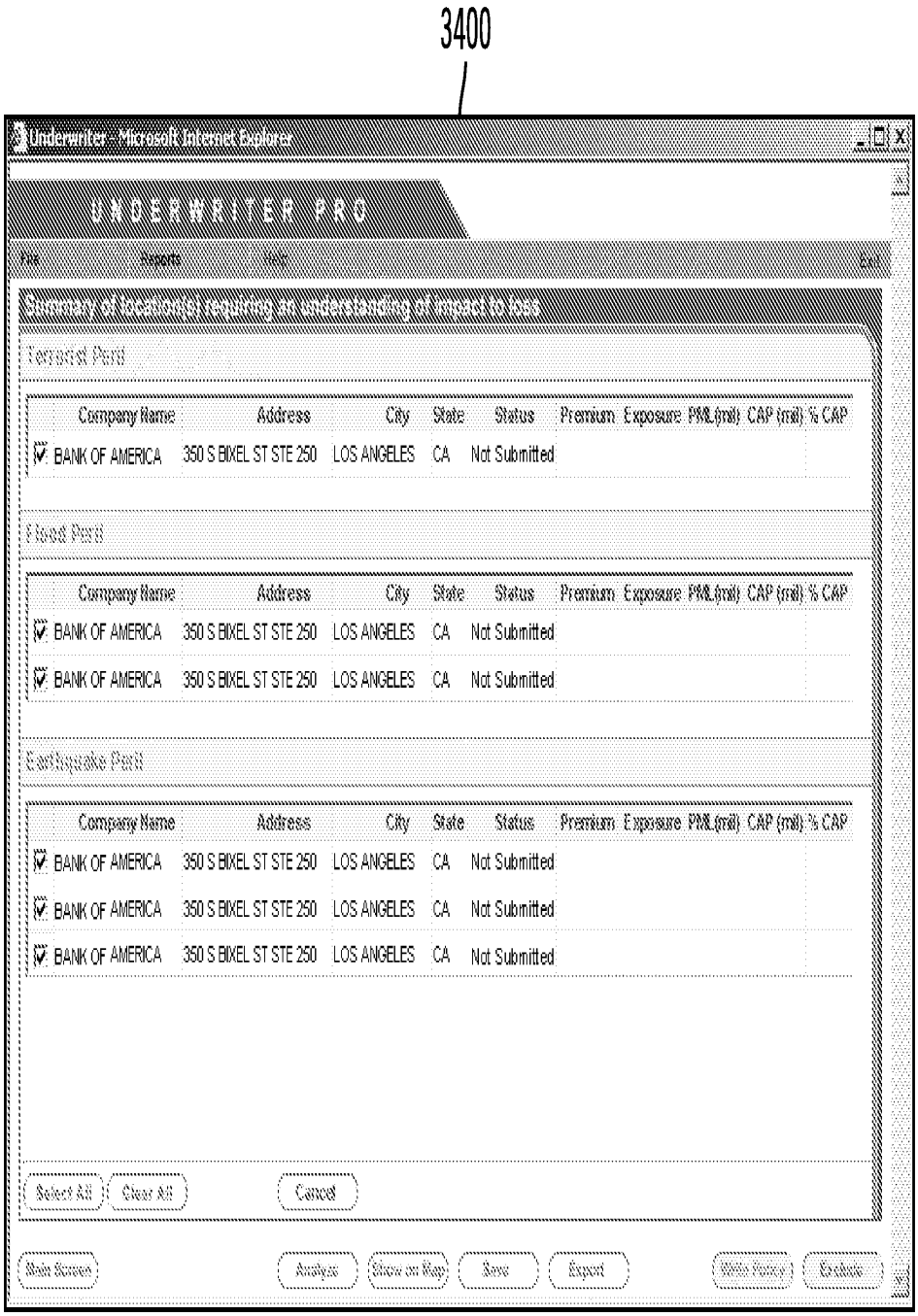

3300
UNDERWRITER PRO
Policy Search
Insurance
Reinsurance
Policy #:
Names Insured:
Line of Business:
Effective Date:
Expiration Date:
Layer Limit:
Coverage Search
Deductible
Min. Deductible
Max Deductible
Limit
Premium
Main Screen

FIG. 33

FIG. 34


3400
Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Help
Exit
Summary of Statements requiring an understanding or impact to risk
Terrorist Peril
Company Name
Address
City
State
Status
Premium
Exposure
PML(mil)
CAP (mil)
% CAP
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Not Submitted
Flood Peril
Company Name
Address
City
State
Status
Premium
Exposure
PML(mil)
CAP (mil)
% CAP
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Not Submitted
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Not Submitted
Earthquake Peril
Company Name
Address
City
State
Status
Premium
Exposure
PML(mil)
CAP (mil)
% CAP
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Not Submitted
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Not Submitted
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Not Submitted
Select All
Clear All
Cancel
Main Screen
Analysis
Show on Map
Save
Export
Write Policy
Exclude

3500

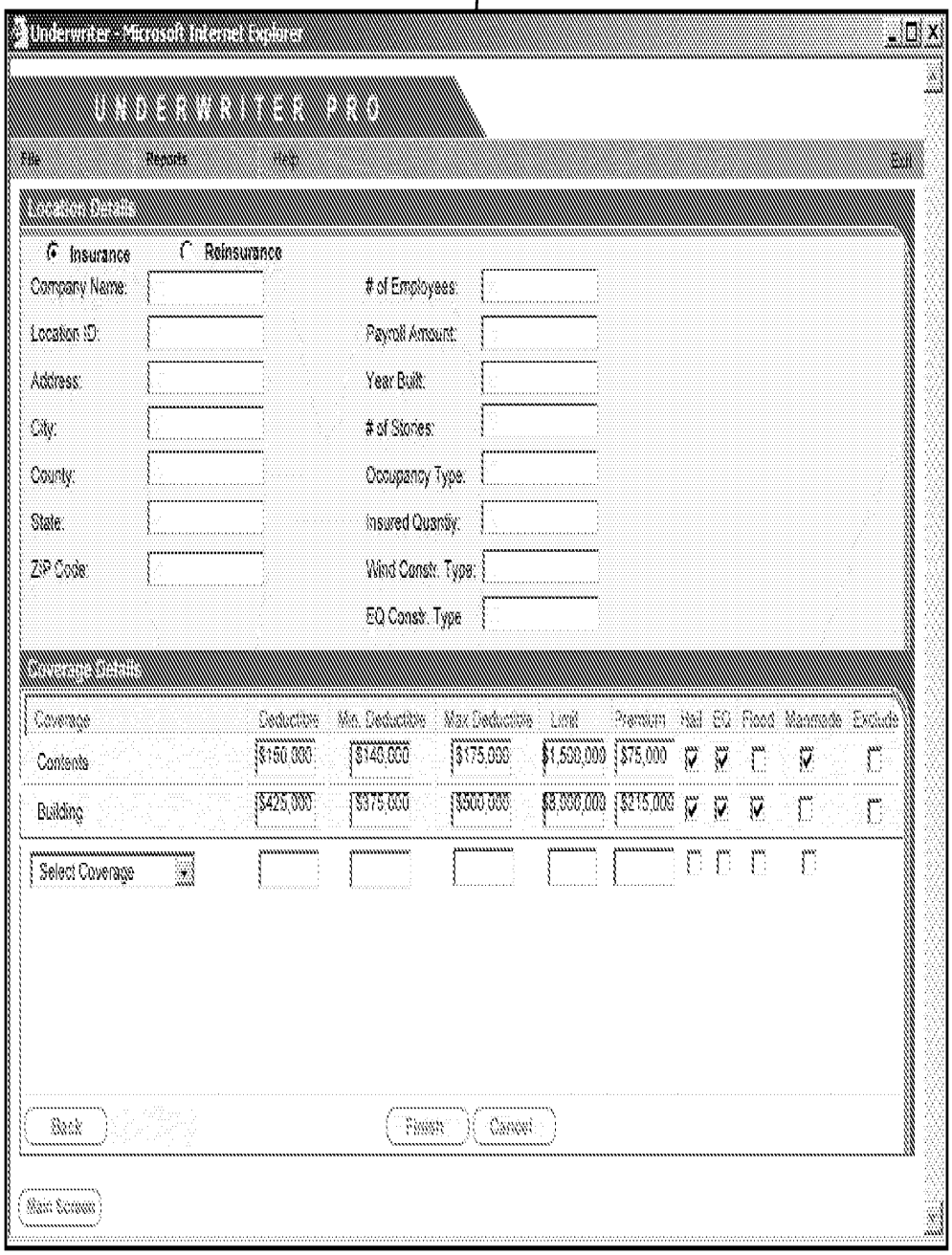
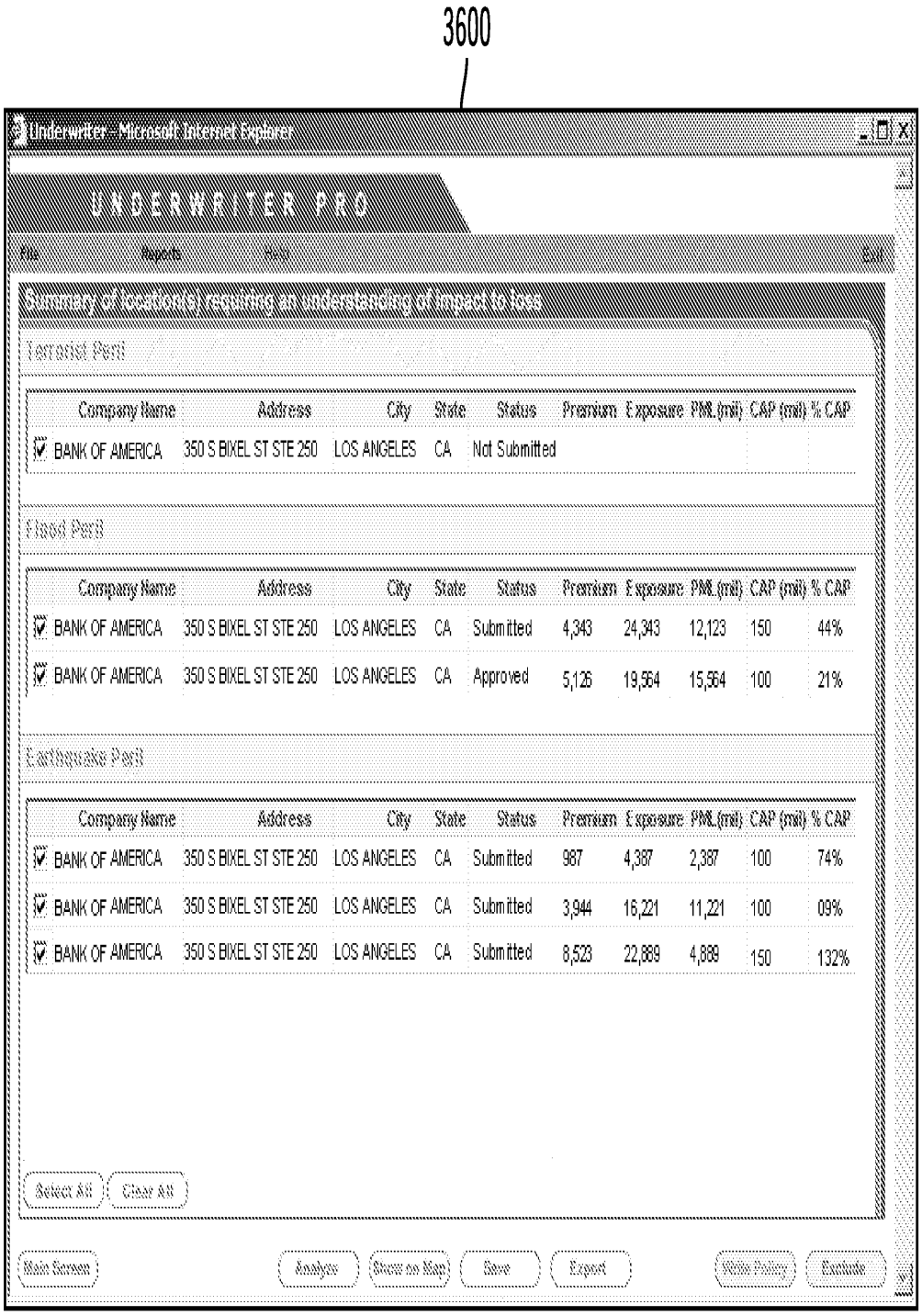

Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Help
Exit
Location Details
Insurance
Reinsurance
Company Name:
Location ID:
Address:
City:
County:
State:
ZIP Code:
# of Employees:
Payroll Amount:
Year Built:
# of Stories:
Occupancy Type:
Insured Quantity:
Wind Constr. Type:
EQ Constr. Type:
Coverage Details
Coverage
Deductible
Min. Deductible
Max Deductible
Limit
Premium
Wind
EQ
Flood
Manmade
Exclude
Contents
$150,000
$145,000
$175,000
$1,500,000
$75,000
Building
$425,000
$375,000
$500,000
$8,000,000
$215,000
Select Coverage
Back
Finish
Cancel
Main Screen

FIG. 35

FIG. 36


3600
Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Help
Exit
Summary of location(s) requiring an understanding of impact to loss
Terrorist Peril
Company Name
Address
City
State
Status
Premium
Exposure
PML (mil)
CAP (mil)
% CAP
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Not Submitted
Flood Peril
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Submitted
4,343
24,343
12,123
150
44%
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Approved
5,126
19,564
15,564
100
21%
Earthquake Peril
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Submitted
987
4,387
2,387
100
74%
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Submitted
3,944
16,221
11,221
100
09%
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Submitted
8,523
22,889
4,889
150
132%
Select All
Clear All
Main Screen
Analyze
Show on Map
Save
Export
Write Policy
Exclude

3700
UNDERWRITER PRO
Customer-specific,
multi-dimensional reports

FIG. 37

FIG. 38

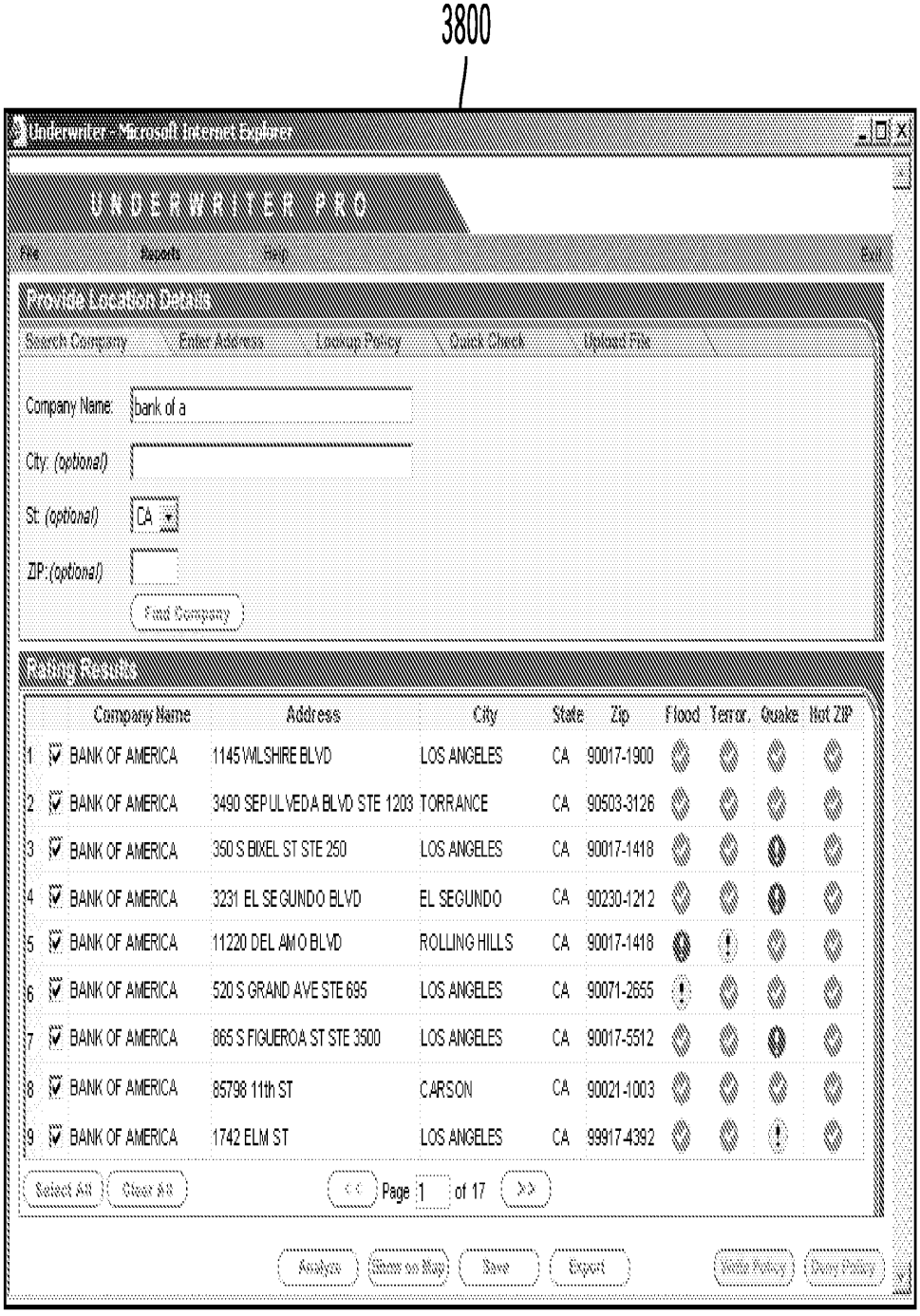

3800
Underwriter - Microsoft Internet Explorer
UNDERWRITER PRO
File
Reports
Help
Exit
Provide Location Details
Search Company
Enter Address
Lookup Policy
Quick Check
Upload File
Company Name:
bank of a
City: (optional)
St: (optional)
CA
ZIP: (optional)
Find Company
Existing Results
Company Name
Address
City
State
Zip
Flood
Terror.
Quake
Hot ZIP
1 BANK OF AMERICA 1145 WILSHIRE BLVD LOS ANGELES CA 90017-1900
2 BANK OF AMERICA 3490 SEPULVEDA BLVD STE 1203 TORRANCE CA 90503-3126
3 BANK OF AMERICA 350 S BIXEL ST STE 250 LOS ANGELES CA 90017-1418
4 BANK OF AMERICA 3231 EL SEGUNDO BLVD EL SEGUNDO CA 90230-1212
5 BANK OF AMERICA 11220 DEL AMO BLVD ROLLING HILLS CA 90017-1418
6 BANK OF AMERICA 520 S GRAND AVE STE 695 LOS ANGELES CA 90071-2655
7 BANK OF AMERICA 865 S FIGUEROA ST STE 3500 LOS ANGELES CA 90017-5512
8 BANK OF AMERICA 85798 11th ST CARSON CA 90021-1003
9 BANK OF AMERICA 1742 ELM ST LOS ANGELES CA 99917-4392
Select All
Clear All
<<
Page 1 of 17
>>
Analyze
Show on Map
Save
Export
Write Policy
Print Policy

FIG. 39


3900
UNDERWRITER PRO
File
Reports
Help
Exit
Provide Location Details
Search Company
Enter Address
Lookup Policy
Quick Check
Upload File
Company Name:
bank of a
City: (optional)
St: (optional)
CA
ZIP: (optional)
Find Company
Rating Results
Company
Address
City
State
Zip
Status
1 Bank of America 1145 WILSHIRE BLVD LOS ANGELES CA 90017-1900 Write
2 Bank of America 3490 SEPULVEDA BLVD STE 1203 TORRANCE CA 90503-3126 Write
3 Bank of America 350 S BIXEL ST STE 250 LOS ANGELES CA 90017-1418 Write
4 Bank of America 3231 EL SEGUNDO BLVD EL SEGUNDO CA 90230-1212 Write
5 Bank of America 11220 DEL AMO BLVD ROLLING HILLS CA 90017-1418 Escalate
6 Bank of America 520 S GRAND AVE STE 695 LOS ANGELES CA 90071-2655 Write
7 Bank of America 865 S FIGUEROA ST STE 3500 LOS ANGELES CA 90017-5512 Write
8 Bank of America 85798 11th ST CARSON CA 90021-1003 Reject
9 Bank of America 1742 ELM ST LOS ANGELES CA 99917-4392 Write
Select All
Clear All
<<
Page 1 of 17
>>
Export

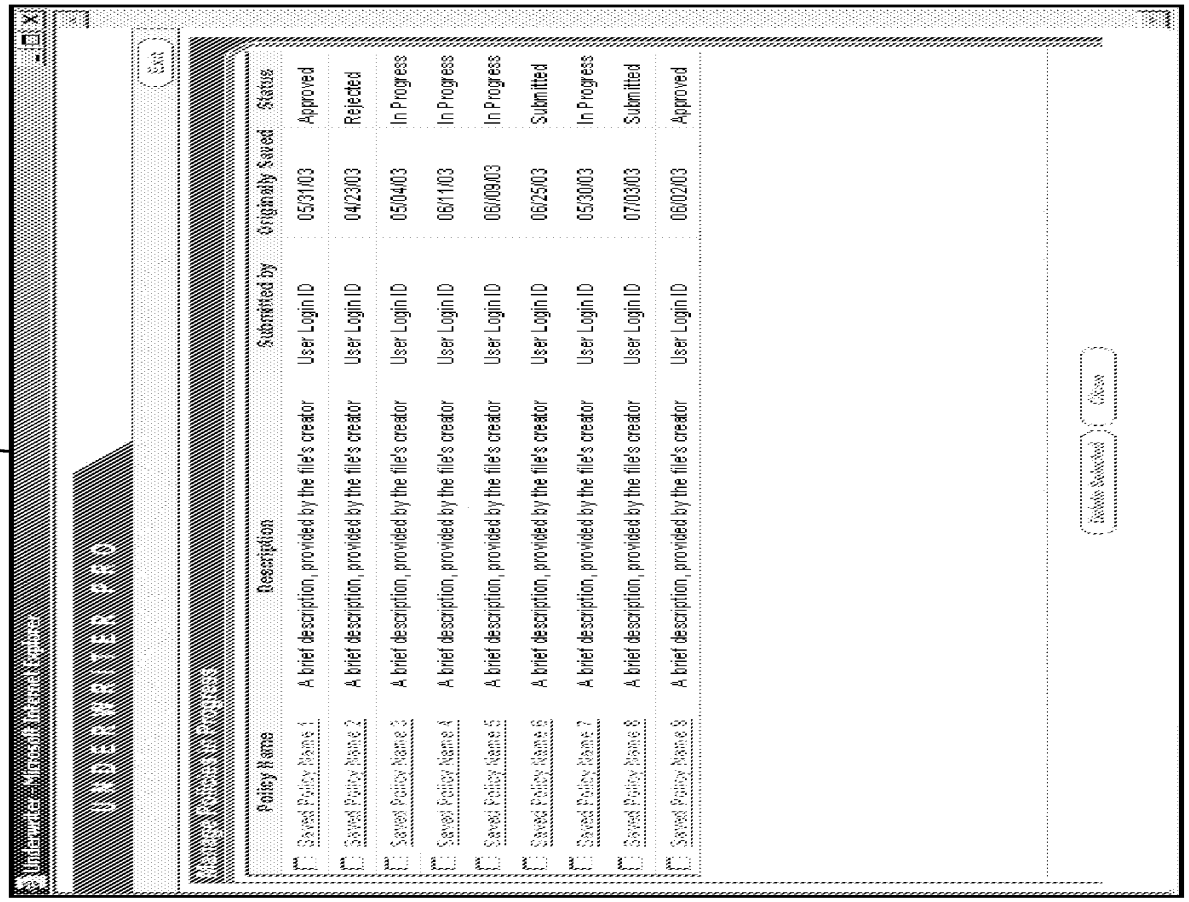

4000
UNDERWRITER PRO
Exit
Policy Name
Description
Submitted by
Originally Saved
Status
Saved Policy Name 1
A brief description, provided by the file's creator
User Login ID
05/31/03
Approved
Saved Policy Name 2
A brief description, provided by the file's creator
User Login ID
04/23/03
Rejected
Saved Policy Name 3
A brief description, provided by the file's creator
User Login ID
05/04/03
In Progress
Saved Policy Name 4
A brief description, provided by the file's creator
User Login ID
06/11/03
In Progress
Saved Policy Name 5
A brief description, provided by the file's creator
User Login ID
06/09/03
In Progress
Saved Policy Name 6
A brief description, provided by the file's creator
User Login ID
06/25/03
Submitted
Saved Policy Name 7
A brief description, provided by the file's creator
User Login ID
05/30/03
In Progress
Saved Policy Name 8
A brief description, provided by the file's creator
User Login ID
07/03/03
Submitted
Saved Policy Name 9
A brief description, provided by the file's creator
User Login ID
06/02/03
Approved
Activate Selected
Close

FIG. 40

4100

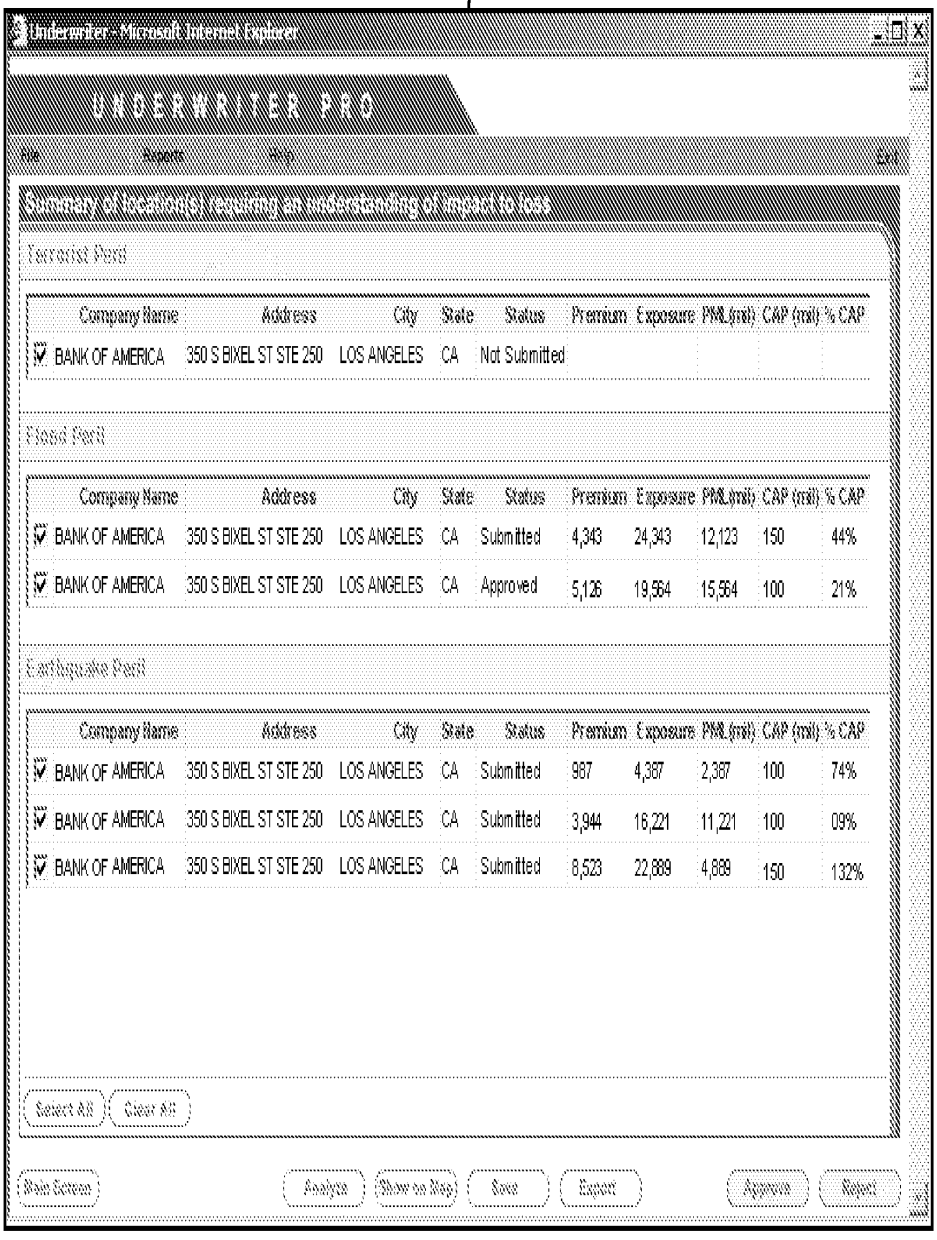
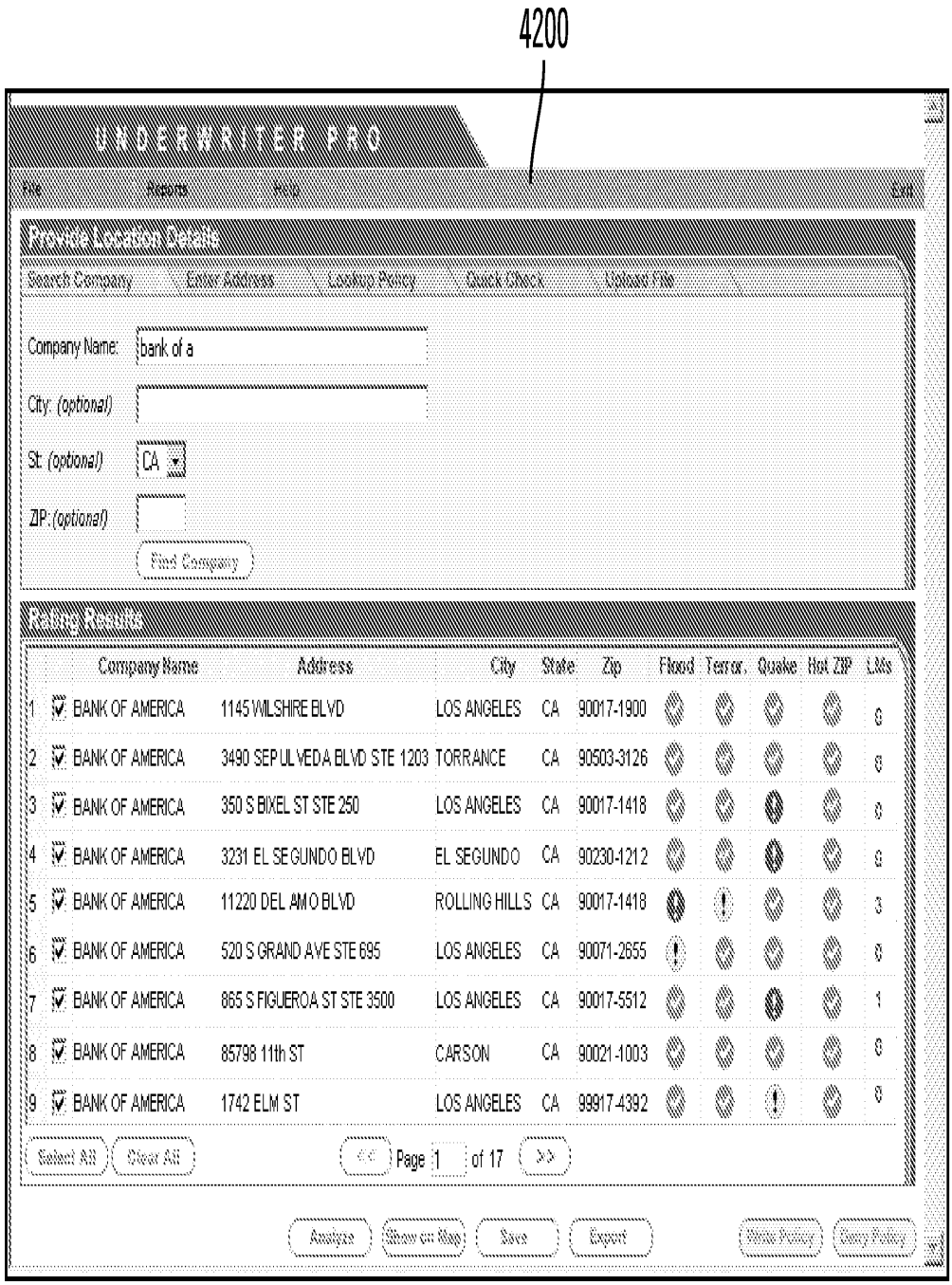

UNDERWRITER PRO
File
Reports
Help
Exit
Summary of location(s) currently ineligible/ineligible or limited for bind
Terrorist Peril
Company Name
Address
City
State
Status
Premium
Exposure
PML(mil)
CAP (mil)
% CAP
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Not Submitted
Flood Peril
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Submitted
4,343
24,343
12,123
150
44%
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Approved
5,126
19,564
15,564
100
21%
Earthquake Peril
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Submitted
987
4,387
2,387
100
74%
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Submitted
3,944
16,221
11,221
100
09%
BANK OF AMERICA
350 S BIXEL ST STE 250
LOS ANGELES
CA
Submitted
8,523
22,889
4,889
150
132%
Select All
Clear All
Print Screen
Analyze
Show on Map
Save
Export
Approve
Reject

FIG. 41

FIG. 42


4200
UNDERWRITER PRO
File
Reports
Help
Exit
Provide Location Details
Search Company
Enter Address
Lookup Policy
Quick Check
Upload File
Company Name:
bank of a
City: (optional)
St: (optional)
CA
ZIP: (optional)
Find Company
Results
Company Name
Address
City
State
Zip
Flood
Terror.
Quake
Hist ZIP
Lkls
1 BANK OF AMERICA 1145 WILSHIRE BLVD LOS ANGELES CA 90017-1900 3
2 BANK OF AMERICA 3490 SEPULVEDA BLVD STE 1203 TORRANCE CA 90503-3126 3
3 BANK OF AMERICA 350 S BIXEL ST STE 250 LOS ANGELES CA 90017-1418 3
4 BANK OF AMERICA 3231 EL SEGUNDO BLVD EL SEGUNDO CA 90230-1212 3
5 BANK OF AMERICA 11220 DEL AMO BLVD ROLLING HILLS CA 90017-1418 3
6 BANK OF AMERICA 520 S GRAND AVE STE 695 LOS ANGELES CA 90071-2655 3
7 BANK OF AMERICA 865 S FIGUEROA ST STE 3500 LOS ANGELES CA 90017-5512 1
8 BANK OF AMERICA 85798 11th ST CARSON CA 90021-1003 3
9 BANK OF AMERICA 1742 ELM ST LOS ANGELES CA 99917-4392 3
Select All
Clear All
<<
Page 1 of 17
>>
Analyze
Show on Map
Save
Export
New Policy
Copy Policy

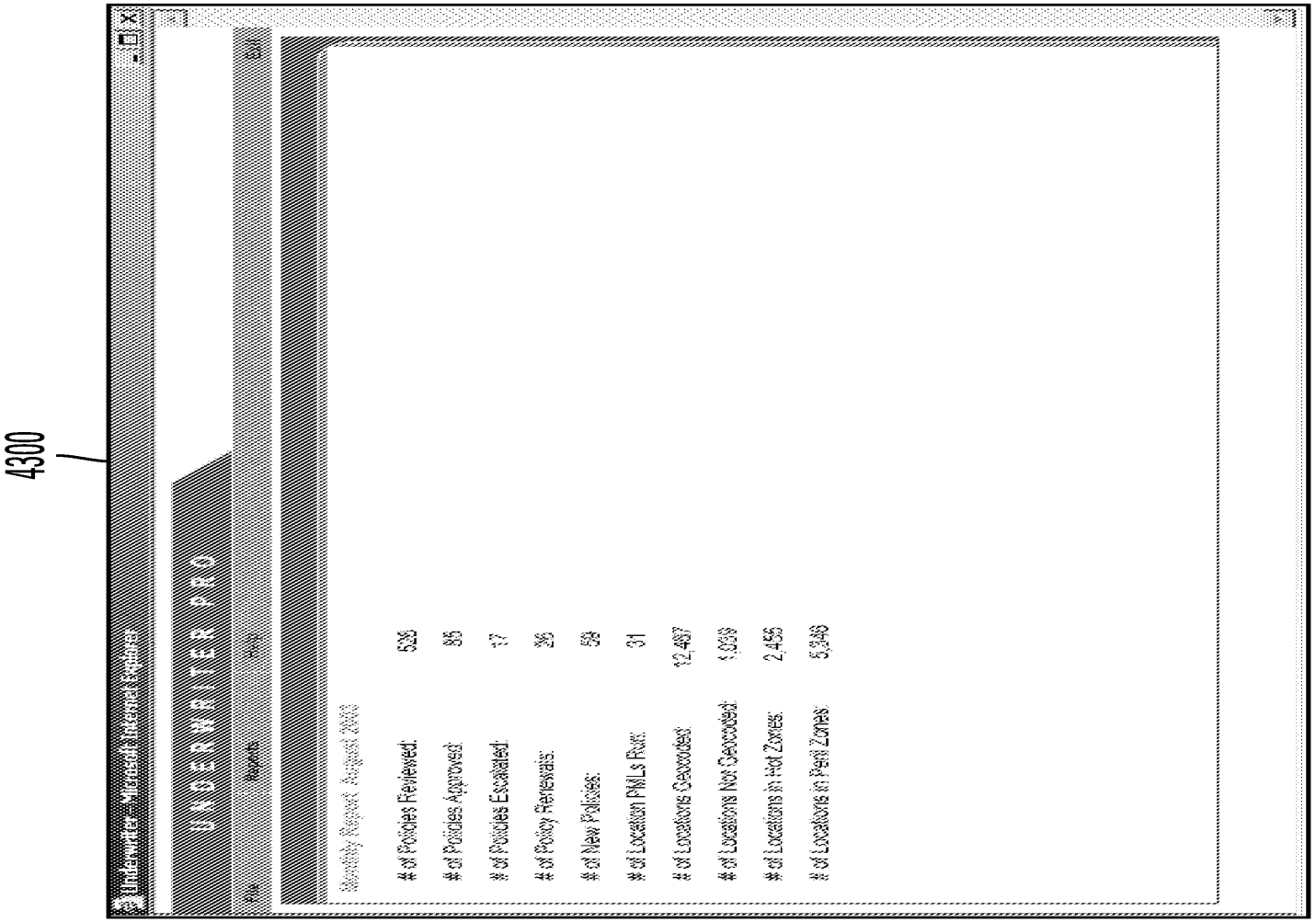

4300
UNDERWRITER PRO
Monthly Report August 2008
# of Policies Reviewed: 526
# of Policies Approved: 865
# of Policies Escalated: 37
# of Policy Renewals: 36
# of New Policies: 58
# of Location PMLs Run: 31
# of Locations Geocoded: 12,487
# of Locations Not Geocoded: 1,059
# of Locations in Hot Zones: 2,455
# of Locations in Peril Zones: 5,346

FIG. 43

Risk Manager
4402
4430
Echelon
4404
Logging/Tracking
AIM/Cust Admin
ETL
Application Infrastructure
Infrastructure
Metadata
Authentication/Access/License
4428
4422
4424
4426
Company/Users
Data
Functions
Reports

FIG. 44

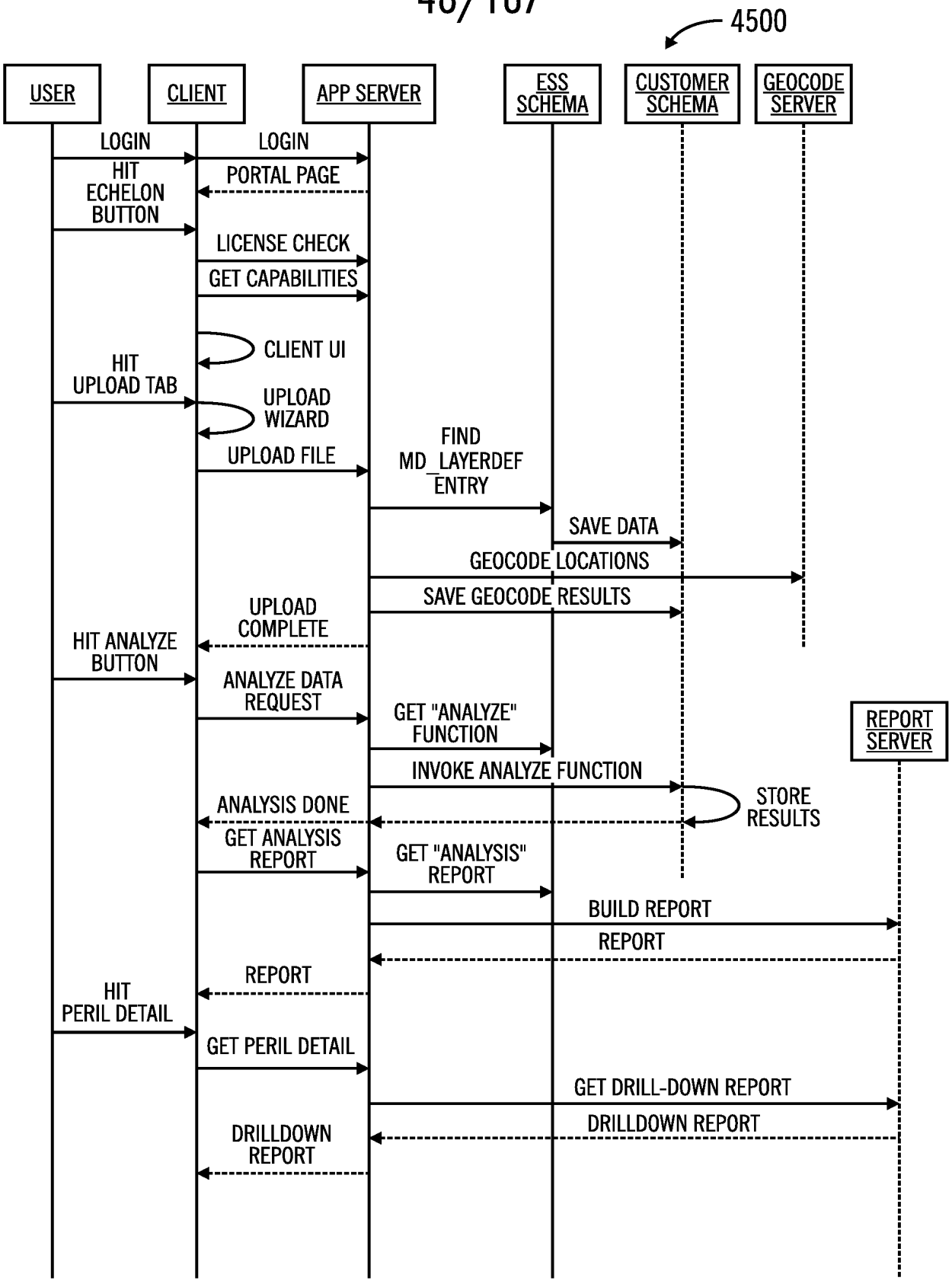

4500
USER
CLIENT
APP SERVER
ESS SCHEMA
CUSTOMER SCHEMA
GEOCODE SERVER
REPORT SERVER
LOGIN
LOGIN
PORTAL PAGE
HIT ECHELON BUTTON
LICENSE CHECK
GET CAPABILITIES
CLIENT UI
HIT UPLOAD TAB
UPLOAD WIZARD
UPLOAD FILE
FIND MD_LAYERDEF ENTRY
SAVE DATA
GEOCODE LOCATIONS
SAVE GEOCODE RESULTS
UPLOAD COMPLETE
HIT ANALYZE BUTTON
ANALYZE DATA REQUEST
GET "ANALYZE" FUNCTION
INVOKE ANALYZE FUNCTION
STORE RESULTS
ANALYSIS DONE
GET ANALYSIS REPORT
GET "ANALYSIS" REPORT
BUILD REPORT
REPORT
REPORT
HIT PERIL DETAIL
GET PERIL DETAIL
GET DRILL-DOWN REPORT
DRILLDOWN REPORT
DRILLDOWN REPORT

FIG. 45

FIG. 46

REPLACEMENT SHEET

49/187

Q-02-02B

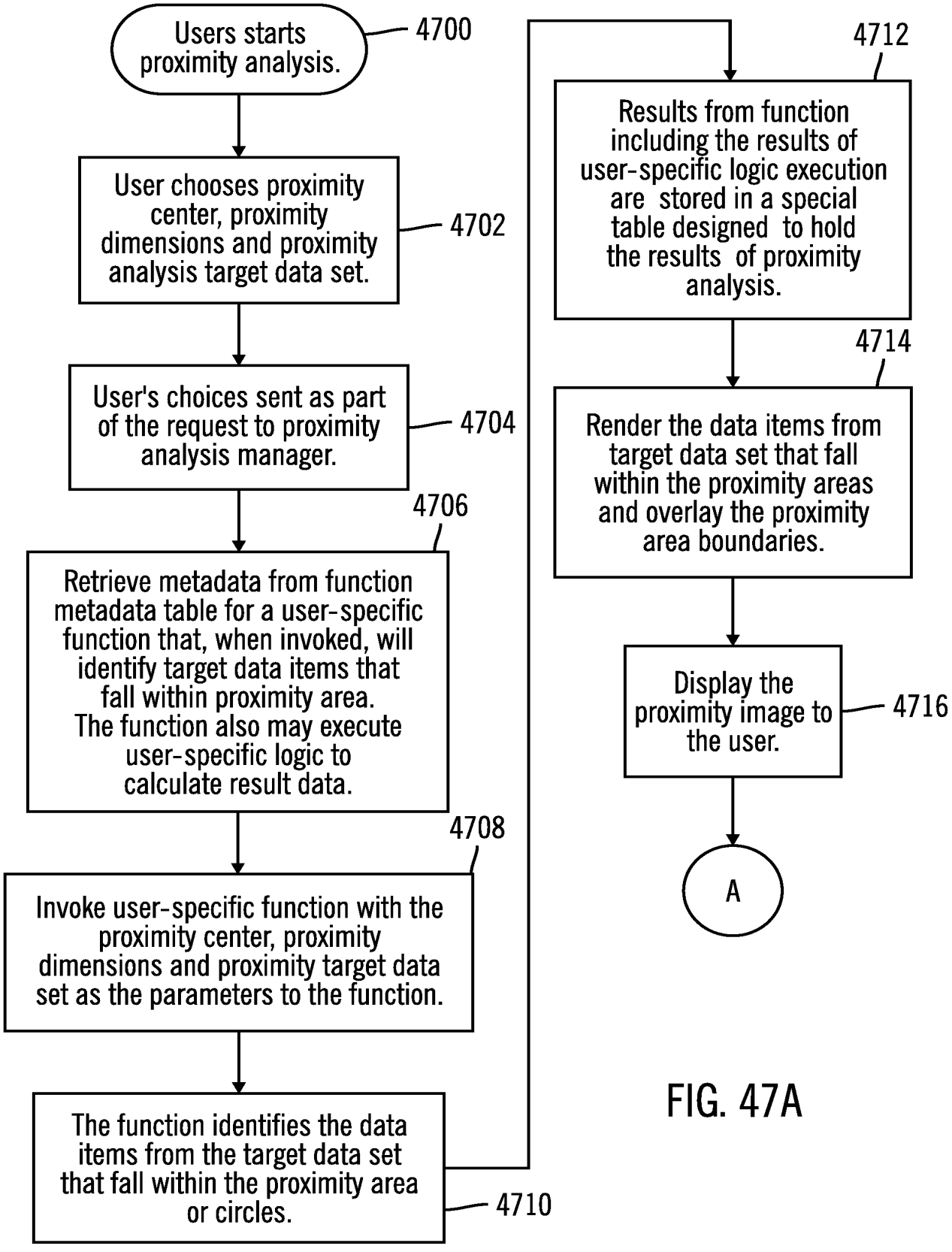

Users starts proximity analysis.
4700
User chooses proximity center, proximity dimensions and proximity analysis target data set.
4702
User's choices sent as part of the request to proximity analysis manager.
4704
Retrieve metadata from function metadata table for a user-specific function that, when invoked, will identify target data items that fall within proximity area. The function also may execute user-specific logic to calculate result data.
4706
Invoke user-specific function with the proximity center, proximity dimensions and proximity target data set as the parameters to the function.
4708
The function identifies the data items from the target data set that fall within the proximity area or circles.
4710
Results from function including the results of user-specific logic execution are stored in a special table designed to hold the results of proximity analysis.
4712
Render the data items from target data set that fall within the proximity areas and overlay the proximity area boundaries.
4714
Display the proximity image to the user.
4716
A

FIG. 47A

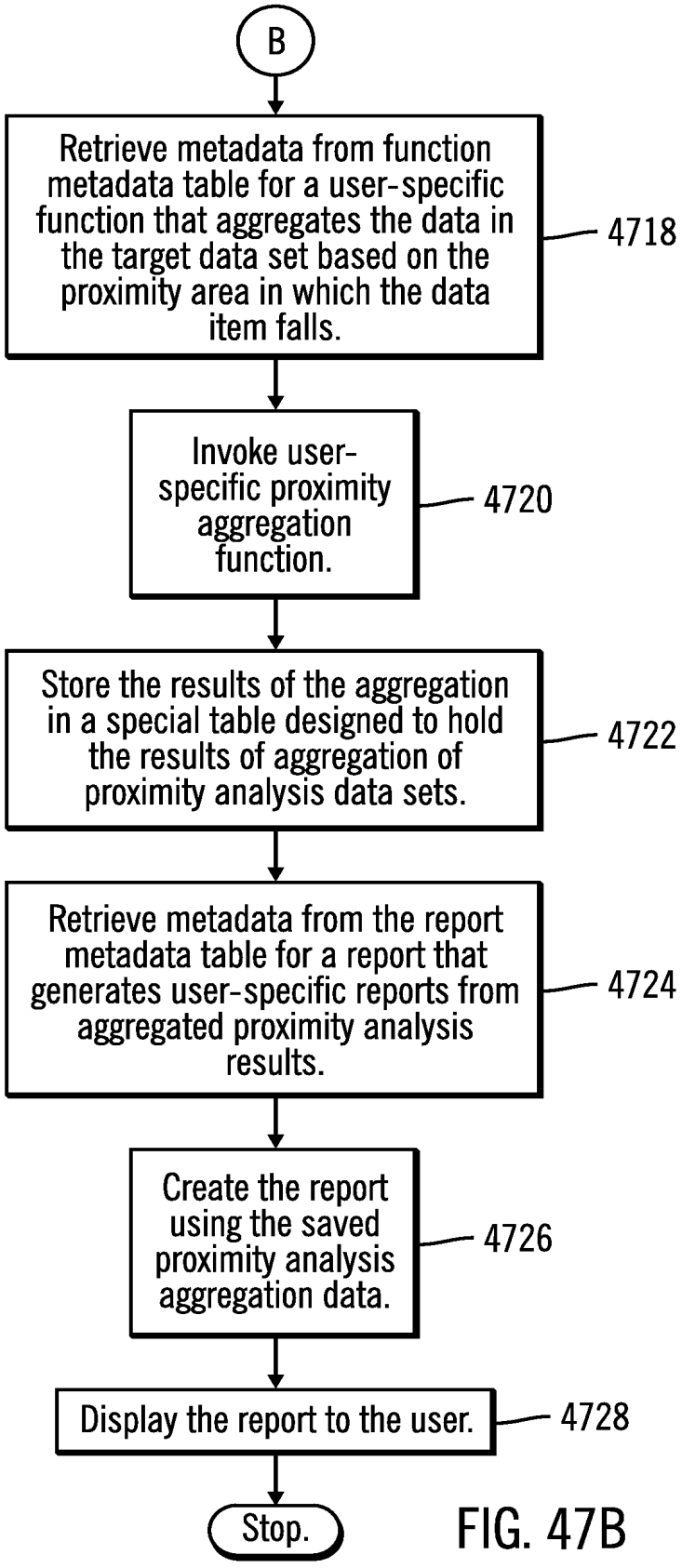

B
Retrieve metadata from function metadata table for a user-specific function that aggregates the data in the target data set based on the proximity area in which the data item falls.
4718
Invoke user-specific proximity aggregation function.
4720
Store the results of the aggregation in a special table designed to hold the results of aggregation of proximity analysis data sets.
4722
Retrieve metadata from the report metadata table for a report that generates user-specific reports from aggregated proximity analysis results.
4724
Create the report using the saved proximity analysis aggregation data.
4726
Display the report to the user.
4728
Stop.

FIG. 47B

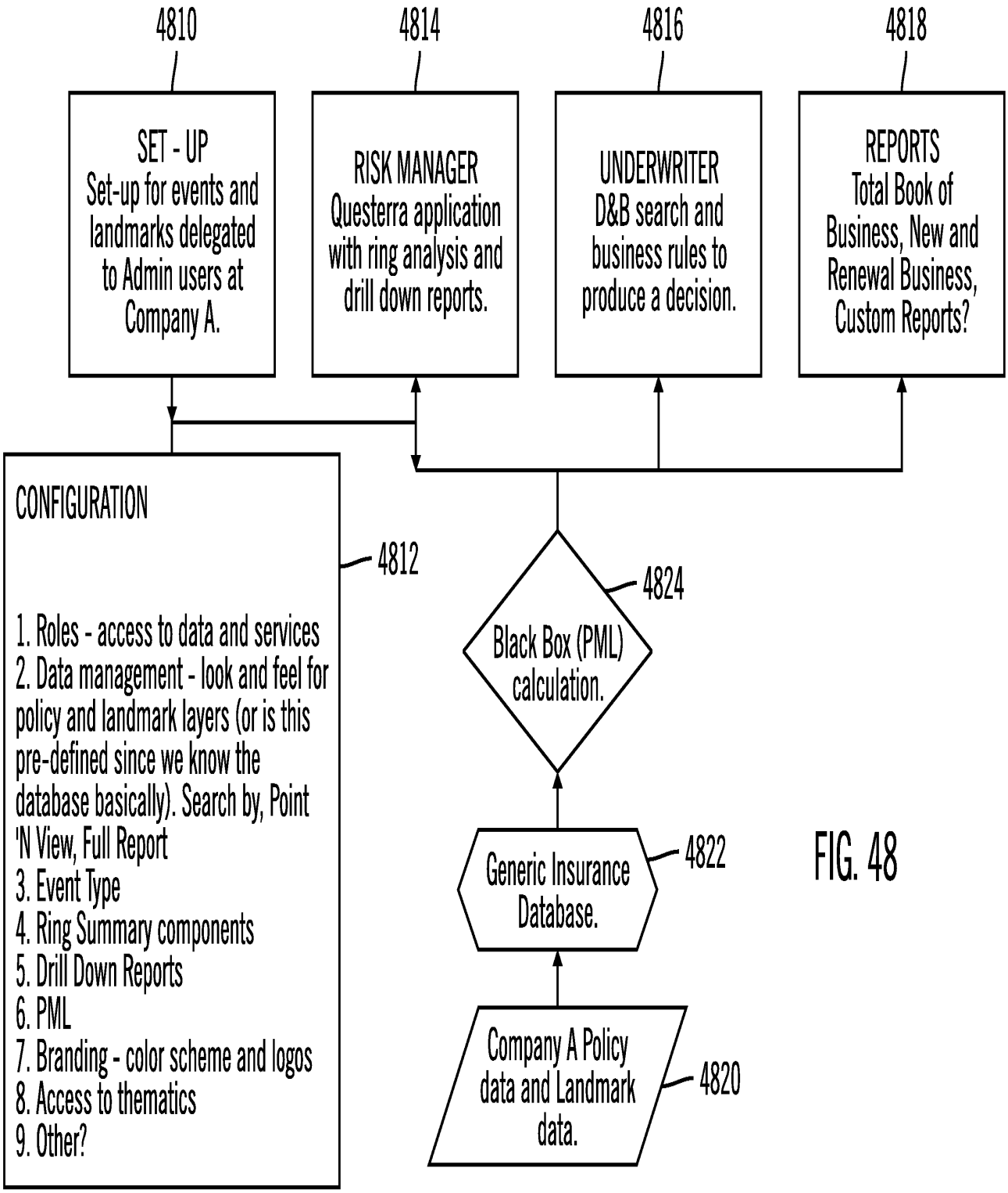

4810
4814
4816
4818
SET - UP
Set-up for events and landmarks delegated to Admin users at Company A.
RISK MANAGER
Questerra application with ring analysis and drill down reports.
UNDERWRITER
D&B search and business rules to produce a decision.
REPORTS
Total Book of Business, New and Renewal Business, Custom Reports?
CONFIGURATION
1. Roles - access to data and services
2. Data management - look and feel for policy and landmark layers (or is this pre-defined since we know the database basically). Search by, Point 'N View, Full Report
3. Event Type
4. Ring Summary components
5. Drill Down Reports
6. PML
7. Branding - color scheme and logos
8. Access to thematics
9. Other?
4812
Black Box (PML) calculation.
4824
Generic Insurance Database.
4822
Company A Policy data and Landmark data.
4820

FIG. 48

FIG. 49


4900
Search By:
City:
Image Type:
Boundaries
Counties
States
Urban & Suburban
ZIP/Postal Codes
Demographics
Lifestyle Groups by Household
Lifestyle Groups by Population
Lifestyle Segments by Household
Lifestyle Segments by Population
Environmental
Earthquake Faults
Earthquake Magnitude 3.0 - 3.5
Earthquake Magnitude 3.6 - 4.2
Earthquake Magnitude 4.3 - 5.0
Earthquake Magnitude 5.1 and above
Flood Zones
National Parks
Oceans & Lakes
Seismic Zones
State & Local Parks
Storm Paths (1991 - 2001)
Storm Tracking Points (1991 - 2001)
Wetlands
Wind Zones
Corporate
Hot ZIPs
Landmark
Policy Location (Current Month)
Policy Location (Prior Month)
Prospects
Target Cities
Transportation
Highways
Railroads
Seattle
Analysis Summary
ALL RINGS:
# of locations: 831
Total Premiums: $1,123,846
Total Liability: $389,672
PML: $138,854
RING 1:
Radius: 650 feet
# of locations: 79
Total Liability: $34,247
PML: $34,347
RING 2:
Radius: 1150 feet
# of locations: 190
Total Liability: $55,204
PML: $38,644
RING 3:
Radius: 2300 feet
# of locations: 376
Total Liability: $166,701
PML: $50,019
RING 4:
Radius: 3275 feet
# of locations: 186
Total Liability: $133,420
PML: $13,344
Map Summary
Area of max:
Map center
Latitude: 47.606142°
Longitude: -122.333196°
Options

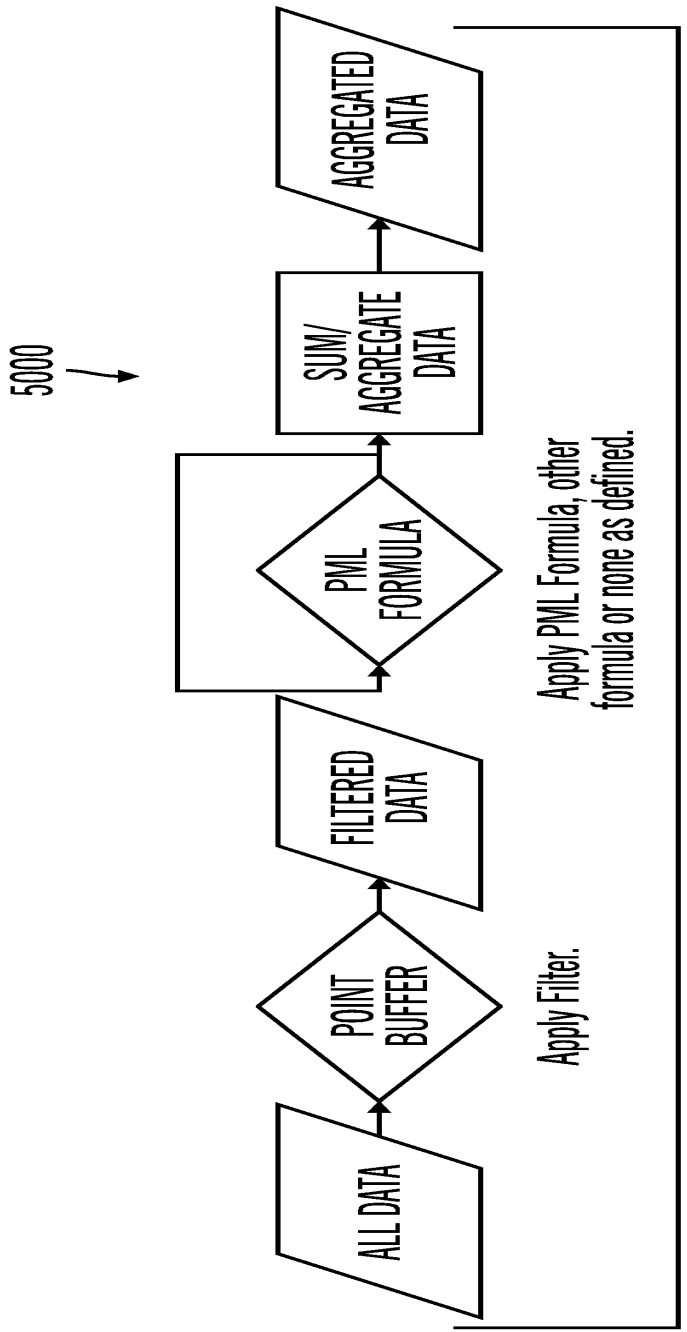

5000
ALL DATA
POINT BUFFER
FILTERED DATA
PML FORMULA
SUM/ AGGREGATE DATA
AGGREGATED DATA
Apply Filter.
Apply PML Formula, other formula or none as defined.

FIG. 50

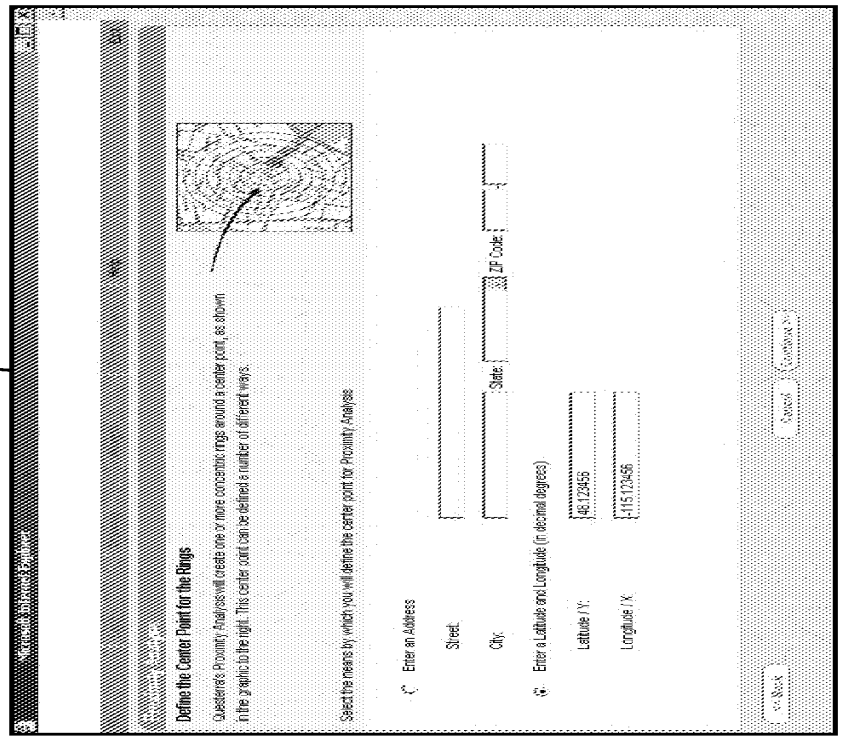

5100
Define the Center Point for the Rings
Questions: Proximity Analysis will create one or more concentric rings around a center point, as shown in the graphic to the right. This center point can be defined a number of different ways.
Select the means by which you will define the center point for Proximity Analysis
Enter an Address
Street:
City:
State:
ZIP Code:
Enter a Latitude and Longitude (in decimal degrees)
Latitude / Y:
40.12455
Longitude / X:
-115.12456
<< Back
Cancel
Next >>

FIG. 51

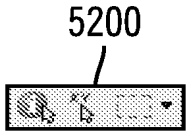



FIG. 52

FIG. 53


5300
Search By:
City
City:
Go
Click to select a latitude and longitude
View Layers
View Legend
Boundaries
County Sample
State Sample
States
Urban & Suburban
Demographics
Environmental
Oceans & Lakes
Corporate
Overview Map
Map Summary
Area of map:
45959.71 sq mi
Map center
Latitude:
33.054386°
Longitude:
-116.622316°
Oceanside
Escondido
San Diego
Chula Vista
Ensenada
Network
Print Map
Save Map
Fast Report
Internet

5400

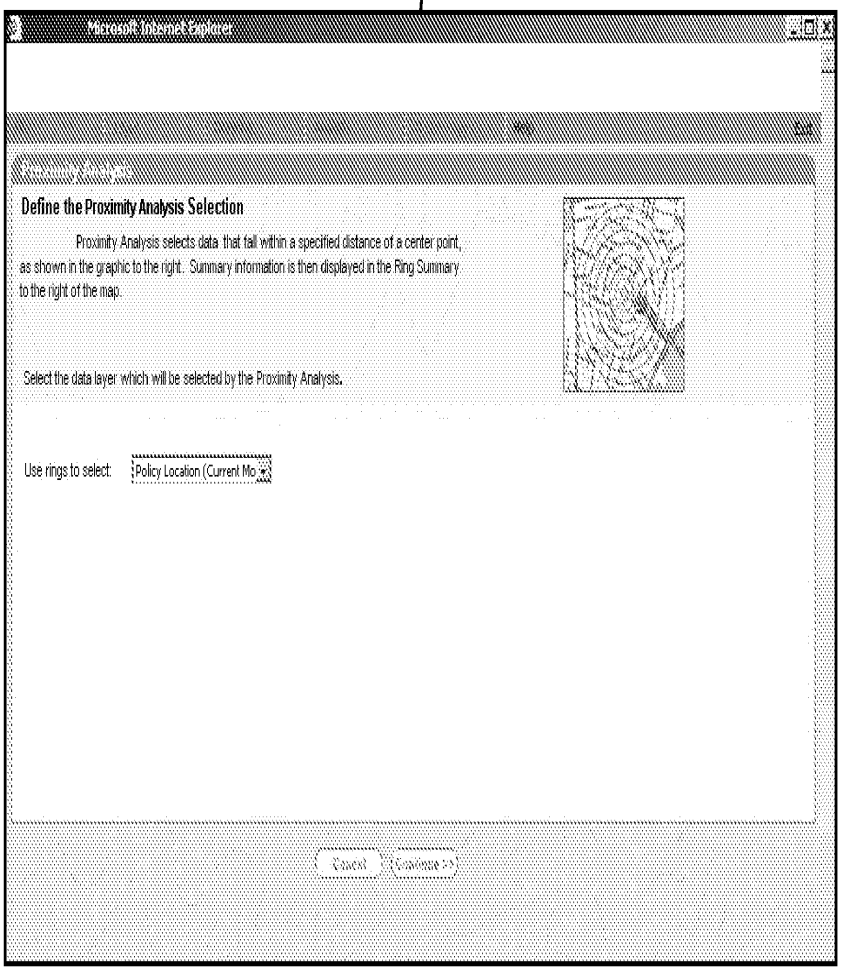

Define the Proximity Analysis Selection
Proximity Analysis selects data that fall within a specified distance of a center point, as shown in the graphic to the right. Summary information is then displayed in the Ring Summary to the right of the map.
Select the data layer which will be selected by the Proximity Analysis.
Use rings to select:
Policy Location (Current Mo

FIG. 54

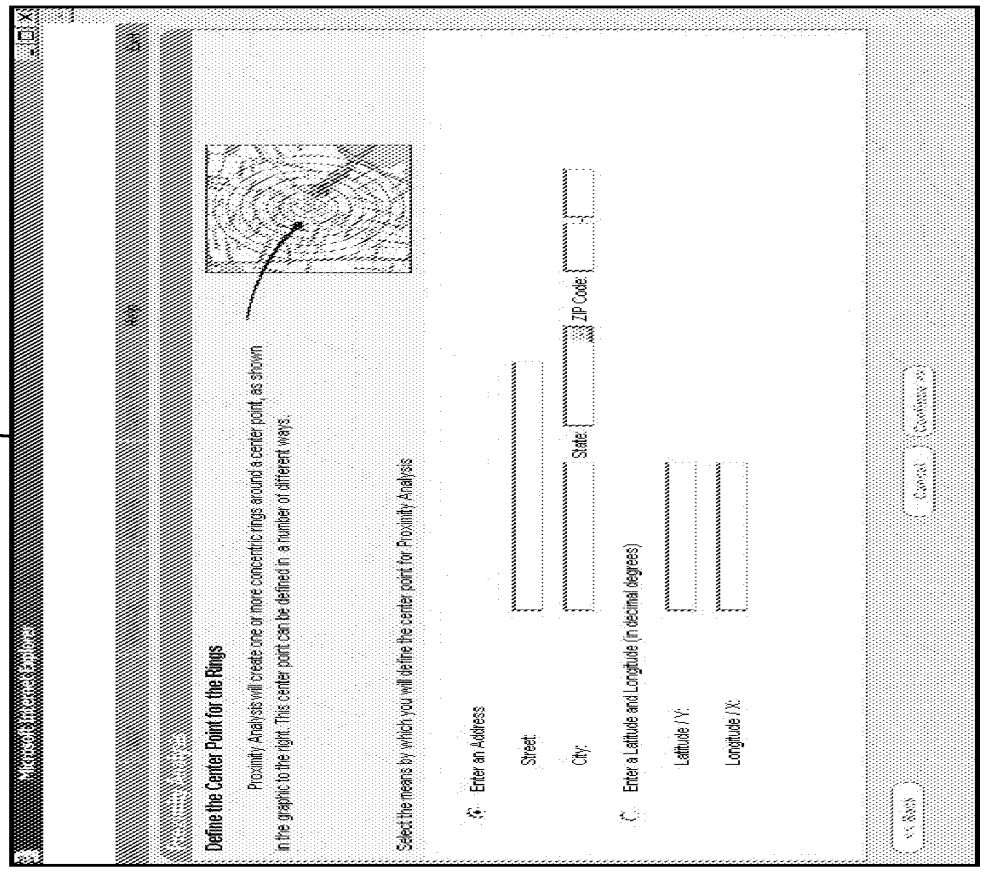

5500
Define the Center Point for the Rings
Proximity Analysis will create one or more concentric rings around a center point, as shown in the graphic to the right. This center point can be defined in a number of different ways.
Select the means by which you will define the center point for Proximity Analysis
Enter an Address
Street:
City:
State:
ZIP Code:
Enter a Latitude and Longitude (in decimal degrees)
Latitude / Y:
Longitude / X:

FIG. 55

5600

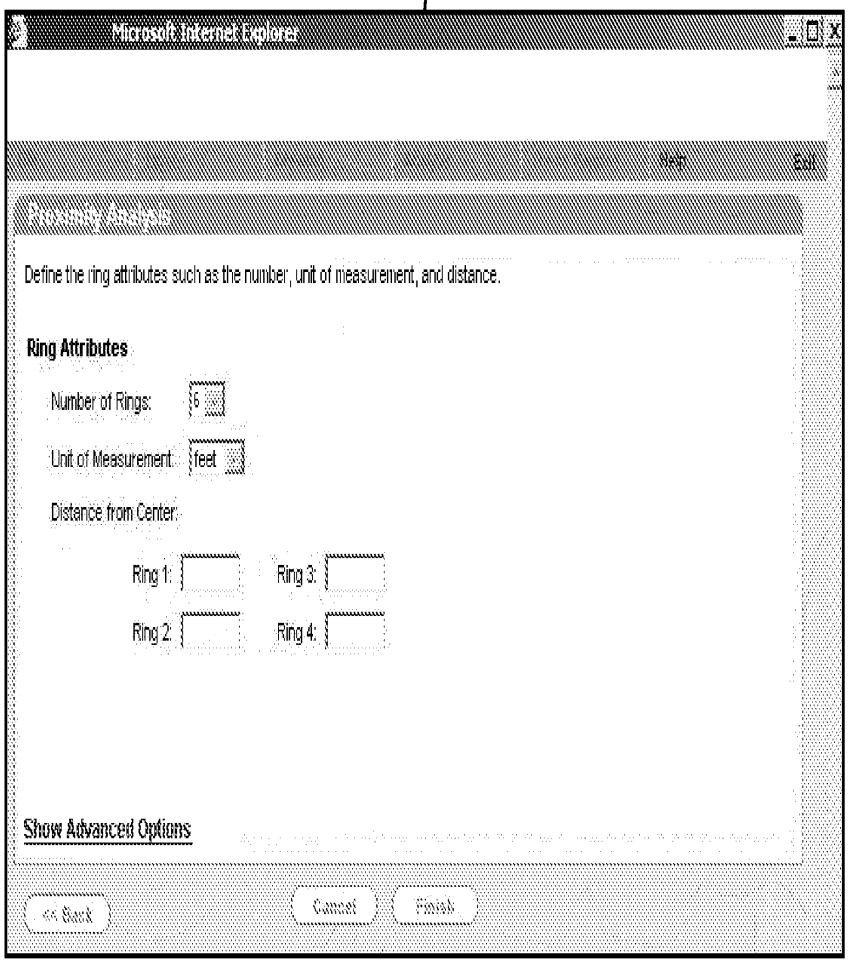
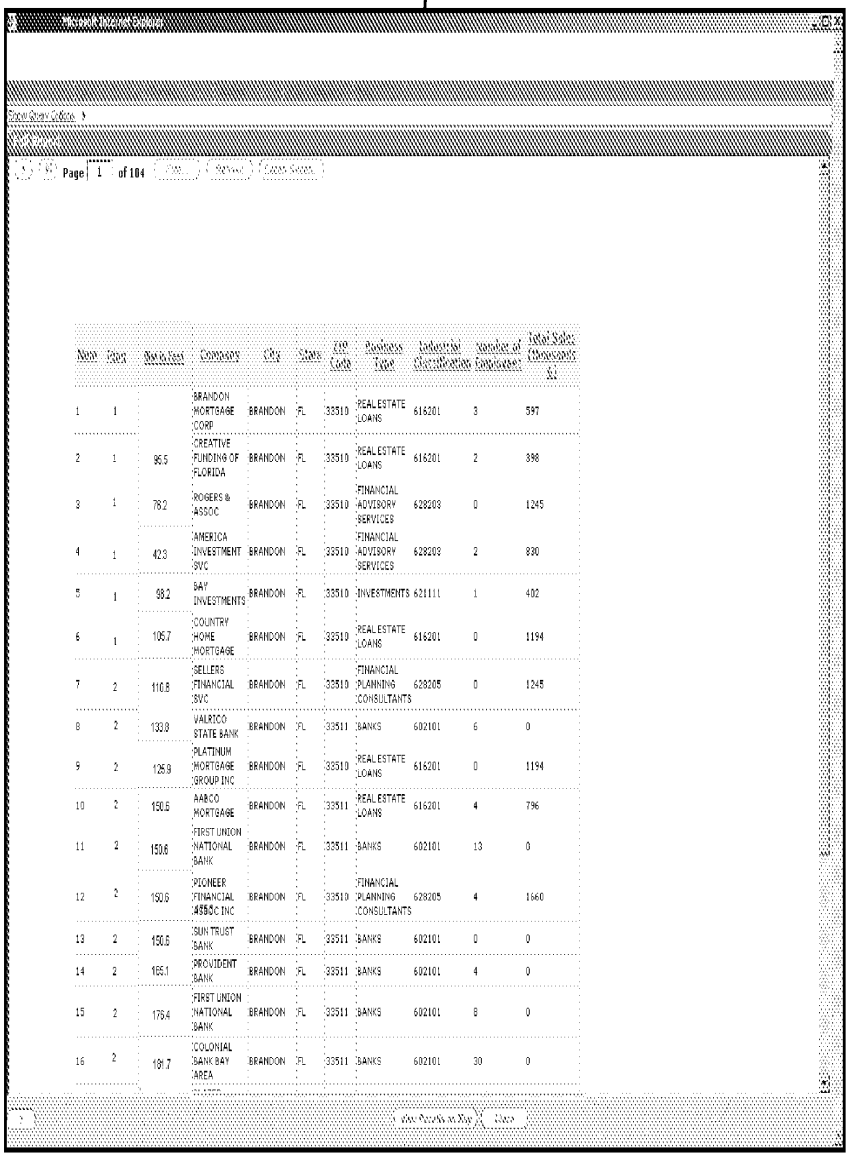

Microsoft Internet Explorer
Define the ring attributes such as the number, unit of measurement, and distance.
Ring Attributes
Number of Rings:
Unit of Measurement:
feet
Distance from Center:
Ring 1:
Ring 3:
Ring 2:
Ring 4:
Show Advanced Options
<< Back
Cancel
Finish

FIG. 56

5700
Ring Attributes
Number of Rings:
Unit of Measurement:
feet
Distance from Center:
Ring 1:
300
Ring 3:
1500
Ring 2:
600
Ring 4:
2500
Center Point Options:
Label:
Symbol:
Symbol Color:
Red
Ring Options:
Ring Outline Color:
Black
Proximity Summary:
Select the data fields to be computed and displayed within the Proximity Summary report.
1st Field Displayed:
# of points selected
2nd Field Displayed:
field from layer
3rd Field Displayed:
field from layer
4th Field Displayed:
field from layer
5th Field Displayed:
none
Internet

FIG. 57

5800




| New | Exist | Net Change | Company | City | State | ZIP Code | Business Type | Industrial Classification | Number of Employees | Total Sales Dimension ($) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | | BRANDON MORTGAGE CORP | BRANDON | FL | 33510 | REAL ESTATE LOANS | 616201 | 3 | 597 |
| 2 | 1 | 96.9 | CREATIVE FUNDING OF FLORIDA | BRANDON | FL | 33510 | REAL ESTATE LOANS | 616201 | 2 | 398 |
| 3 | 1 | 78.2 | ROGERS & ASSOC | BRANDON | FL | 33510 | FINANCIAL ADVISORY SERVICES | 628203 | 0 | 1245 |
| 4 | 1 | 42.3 | AMERICA INVESTMENT SVC | BRANDON | FL | 33510 | FINANCIAL ADVISORY SERVICES | 628203 | 2 | 830 |
| 5 | 1 | 98.2 | BAY INVESTMENTS | BRANDON | FL | 33510 | INVESTMENTS | 621111 | 1 | 402 |
| 6 | 1 | 105.7 | COUNTRY HOME MORTGAGE | BRANDON | FL | 33510 | REAL ESTATE LOANS | 616201 | 0 | 1194 |
| 7 | 2 | 110.8 | SELLERS FINANCIAL SVC | BRANDON | FL | 33510 | FINANCIAL PLANNING CONSULTANTS | 628205 | 0 | 1245 |
| 8 | 2 | 133.8 | VALRICO STATE BANK | BRANDON | FL | 33511 | BANKS | 602101 | 6 | 0 |
| 9 | 2 | 126.9 | PLATINUM MORTGAGE GROUP INC | BRANDON | FL | 33510 | REAL ESTATE LOANS | 616201 | 0 | 1194 |
| 10 | 2 | 150.6 | AABCO MORTGAGE | BRANDON | FL | 33511 | REAL ESTATE LOANS | 616201 | 4 | 796 |
| 11 | 2 | 150.6 | FIRST UNION NATTIONAL BANK | BRANDON | FL | 33511 | BANKS | 602101 | 13 | 0 |
| 12 | 2 | 150.6 | PIONEER FINANCIAL ASSOC INC | BRANDON | FL | 33510 | FINANCIAL PLANNING CONSULTANTS | 628205 | 4 | 1660 |
| 13 | 2 | 150.6 | SUN TRUST BANK | BRANDON | FL | 33511 | BANKS | 602101 | 0 | 0 |
| 14 | 2 | 165.1 | PROVIDENT BANK | BRANDON | FL | 33511 | BANKS | 602101 | 4 | 0 |
| 15 | 2 | 176.4 | FIRST UNION NATIONAL BANK | BRANDON | FL | 33511 | BANKS | 602101 | 8 | 0 |
| 16 | 2 | 191.7 | COLONIAL BANK BAY AREA | BRANDON | FL | 33511 | BANKS | 602101 | 30 | 0 |

FIG. 58

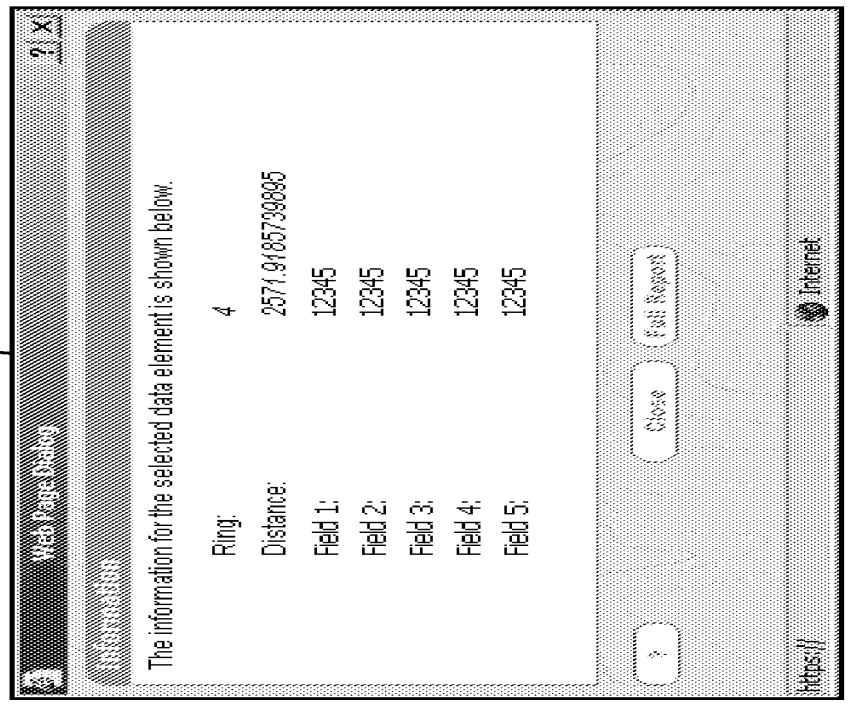

5900
Web Page Dialog
The information for the selected data element is shown below.
Ring: 4
Distance: 2571.9185739885
Field 1: 12345
Field 2: 12345
Field 3: 12345
Field 4: 12345
Field 5: 12345
Close
Internet

FIG. 59

**Proximity Summary**

ALL RINGS

| | |
|---|---|
| # of locations: | 669 |
| Total Sales: | $62,379,816 |
| Q1 Sales: | $3,617,887,860 |
| Q4 Sales: | $100,710,026 |

RING 1:

| | |
|---|---|
| Radius: | 49 feet |
| # of locations: | 18 |
| Total Sales: | $22,572,412 |
| Q1 Sales: | $22,631,497 |

RING 2:

| | |
|---|---|
| Radius: | 299 feet |
| # of locations: | 10 |
| Total Sales: | $7,276,609 |
| Q1 Sales: | $5,246,202 |

RING 3:

| | |
|---|---|
| Radius: | 599 feet |
| # of locations: | 61 |
| Total Sales: | $512,439,634 |
| Q1 Sales: | $37,641,724 |

RING 4:

| | |
|---|---|
| Radius: | 1320 feet |
| # of locations: | 74 |
| Total Sales: | $889,272,156 |
| Q1 Sales: | $29,704,583 |

RING 5:

| | |
|---|---|
| Radius: | 2640 feet |
| # of locations: | 177 |
| Total Sales: | $1,183,739,818 |
| Q1 Sales: | $5,039,118 |

Details

6000

FIG. 60

FIG. 61A

| # | Description | Data | Fixed or Variable Field |
|---|---|---|---|
| 1 | Ring Radius | Session based Proximity Analysis records | Fixed |
| 2 | Total # of Locations | Session based Proximity Analysis records | Fixed |
| 3 | Field 1 | Session based Proximity Analysis records | Variable |
| 4 | Field 2 | Session based Proximity Analysis records | Variable |
| 5 | Field 3 or Black box calculation | Session based Proximity Analysis records | Variable |

6110

FIG. 61B

| # | Description | Data | Fixed or Variable Field |
|---|---|---|---|
| 1 | Ring Number | Session based Proximity Analysis records | Fixed |
| 2 | Ring Radius | Session based Proximity Analysis records | Fixed |
| 3 | Total # of Locations | Session based Proximity Analysis records | Fixed |
| 4 | Field 1 | Session based Proximity Analysis records | Variable |
| 5 | Field 2 | Session based Proximity Analysis records | Variable |
| 6 | Field 3 or Black box calculation | Session based Proximity Analysis records | Variable |

6120

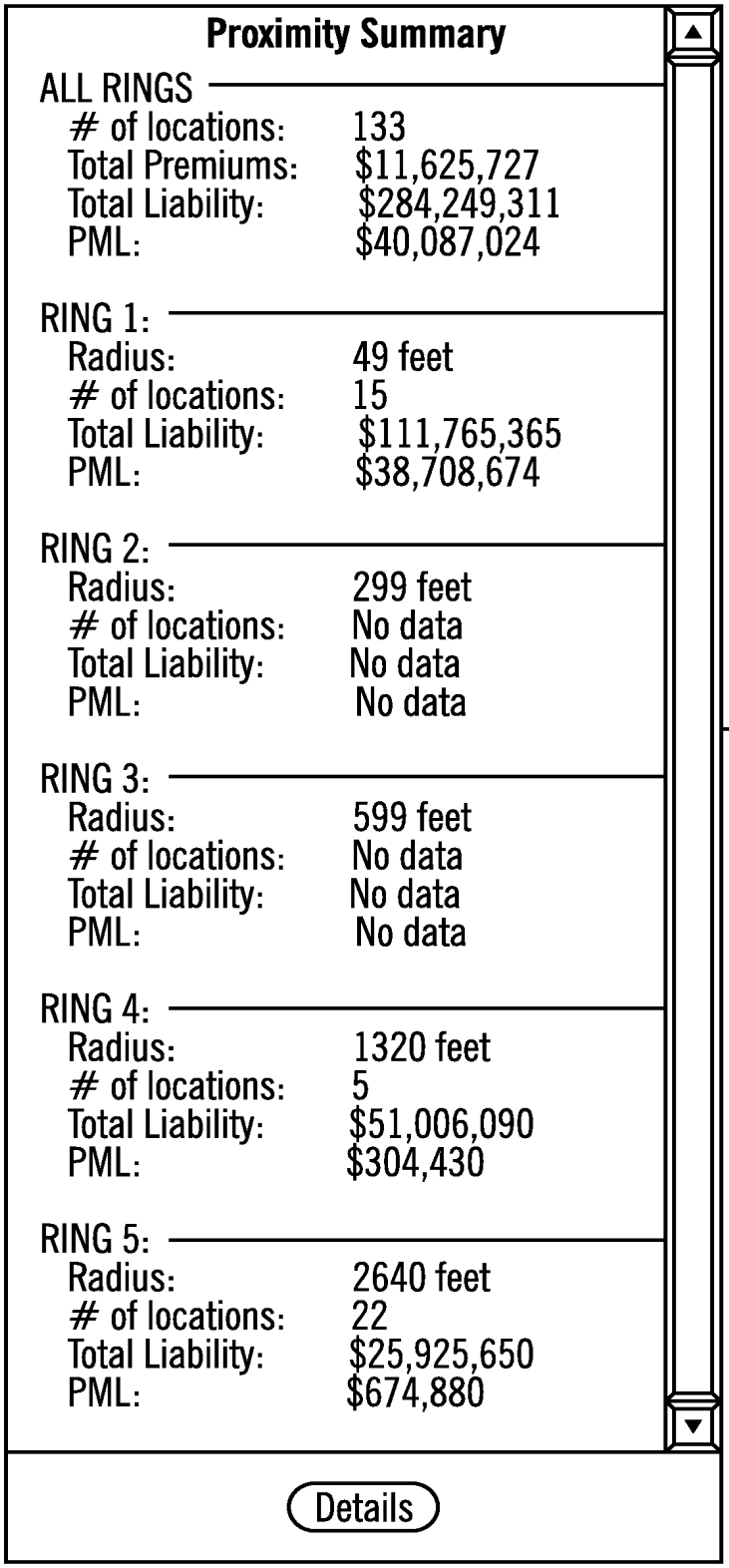

Proximity Summary
ALL RINGS
# of locations: 133
Total Premiums: $11,625,727
Total Liability: $284,249,311
PML: $40,087,024
RING 1:
Radius: 49 feet
# of locations: 15
Total Liability: $111,765,365
PML: $38,708,674
RING 2:
Radius: 299 feet
# of locations: No data
Total Liability: No data
PML: No data
RING 3:
Radius: 599 feet
# of locations: No data
Total Liability: No data
PML: No data
RING 4:
Radius: 1320 feet
# of locations: 5
Total Liability: $51,006,090
PML: $304,430
RING 5:
Radius: 2640 feet
# of locations: 22
Total Liability: $25,925,650
PML: $674,880
Details
6200

FIG. 62

6300

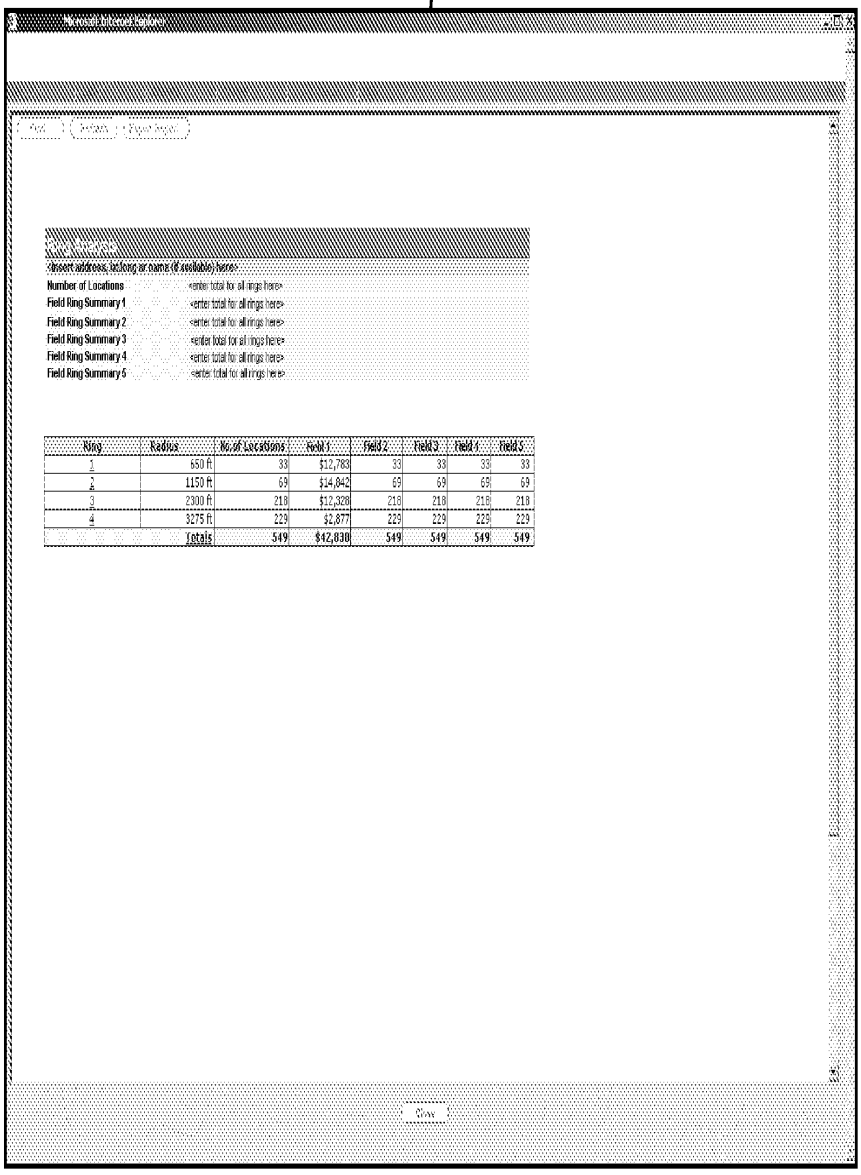

Print
Refresh
Export to Excel
Site Analysis
<insert address, jurisdiction or name (if available) here>
Number of Locations <enter total for all rings here>
Field Ring Summary 1 <enter total for all rings here>
Field Ring Summary 2 <enter total for all rings here>
Field Ring Summary 3 <enter total for all rings here>
Field Ring Summary 4 <enter total for all rings here>
Field Ring Summary 5 <enter total for all rings here>
Ring | Radius | No. of Locations | Field 1 | Field 2 | Field 3 | Field 4 | Field 5
1 | 650 ft | 33 | $12,783 | 33 | 33 | 33 | 33
2 | 1150 ft | 69 | $14,842 | 69 | 69 | 69 | 69
3 | 2300 ft | 218 | $12,328 | 218 | 218 | 218 | 218
4 | 3275 ft | 229 | $2,877 | 229 | 229 | 229 | 229
Totals | 549 | $42,830 | 549 | 549 | 549 | 549
Close

FIG. 63

6400

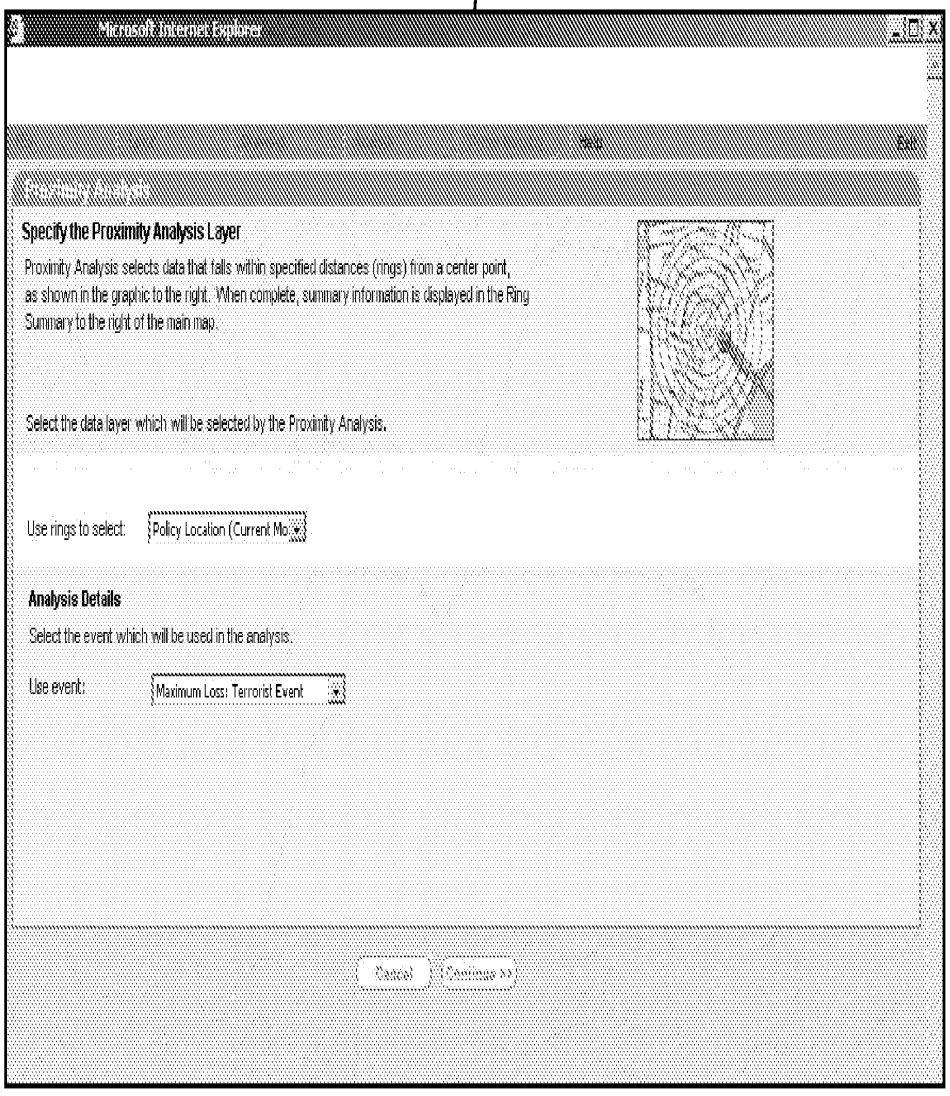

Specify the Proximity Analysis Layer
Proximity Analysis selects data that falls within specified distances (rings) from a center point, as shown in the graphic to the right. When complete, summary information is displayed in the Ring Summary to the right of the main map.
Select the data layer which will be selected by the Proximity Analysis.
Use rings to select:
Policy Location (Current Mo
Analysis Details
Select the event which will be used in the analysis.
Use event:
Maximum Loss: Terrorist Event

FIG. 64

6500

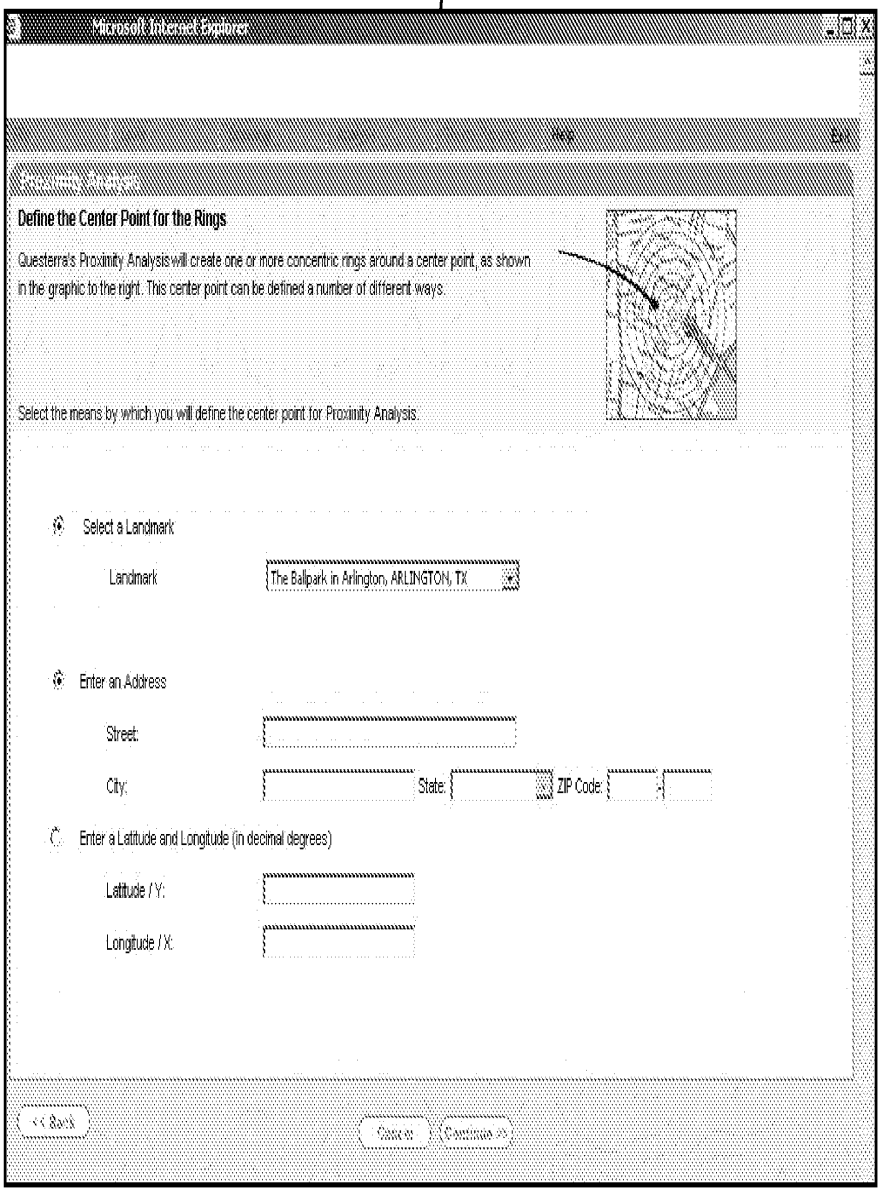

Microsoft Internet Explorer
Define the Center Point for the Rings
Questerra's Proximity Analysis will create one or more concentric rings around a center point, as shown in the graphic to the right. This center point can be defined a number of different ways.
Select the means by which you will define the center point for Proximity Analysis.
Select a Landmark
Landmark
The Ballpark in Arlington, ARLINGTON, TX
Enter an Address
Street:
City:
State:
ZIP Code:
Enter a Latitude and Longitude (in decimal degrees)
Latitude / Y:
Longitude / X:
<< Back
Cancel
Continue >>

FIG. 65

6600

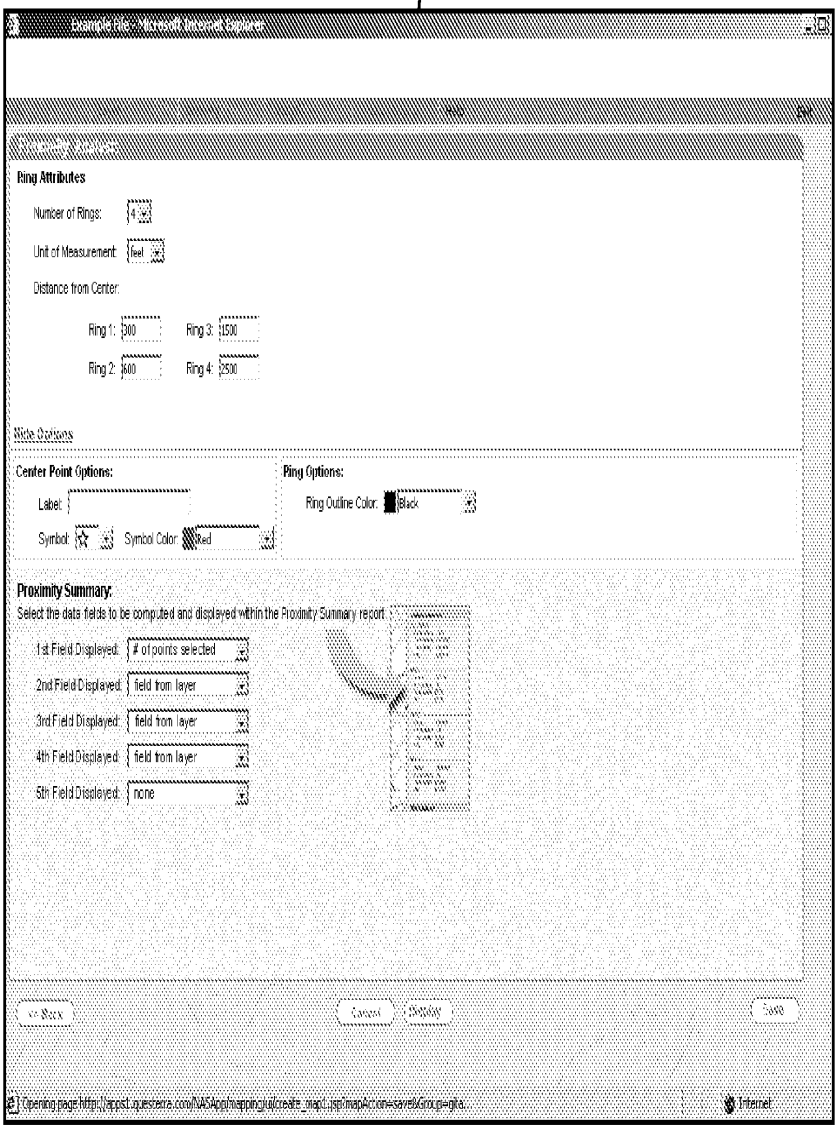

Ring Attributes
Number of Rings:
Unit of Measurement:
feet
Distance from Center:
Ring 1:
300
Ring 3:
1500
Ring 2:
600
Ring 4:
2500
Center Point Options:
Label:
Symbol:
Symbol Color:
Red
Ring Options:
Ring Outline Color:
Black
Proximity Summary:
Select the data fields to be computed and displayed within the Proximity Summary report.
1st Field Displayed:
# of points selected
2nd Field Displayed:
field from layer
3rd Field Displayed:
field from layer
4th Field Displayed:
field from layer
5th Field Displayed:
none
Internet

FIG. 66

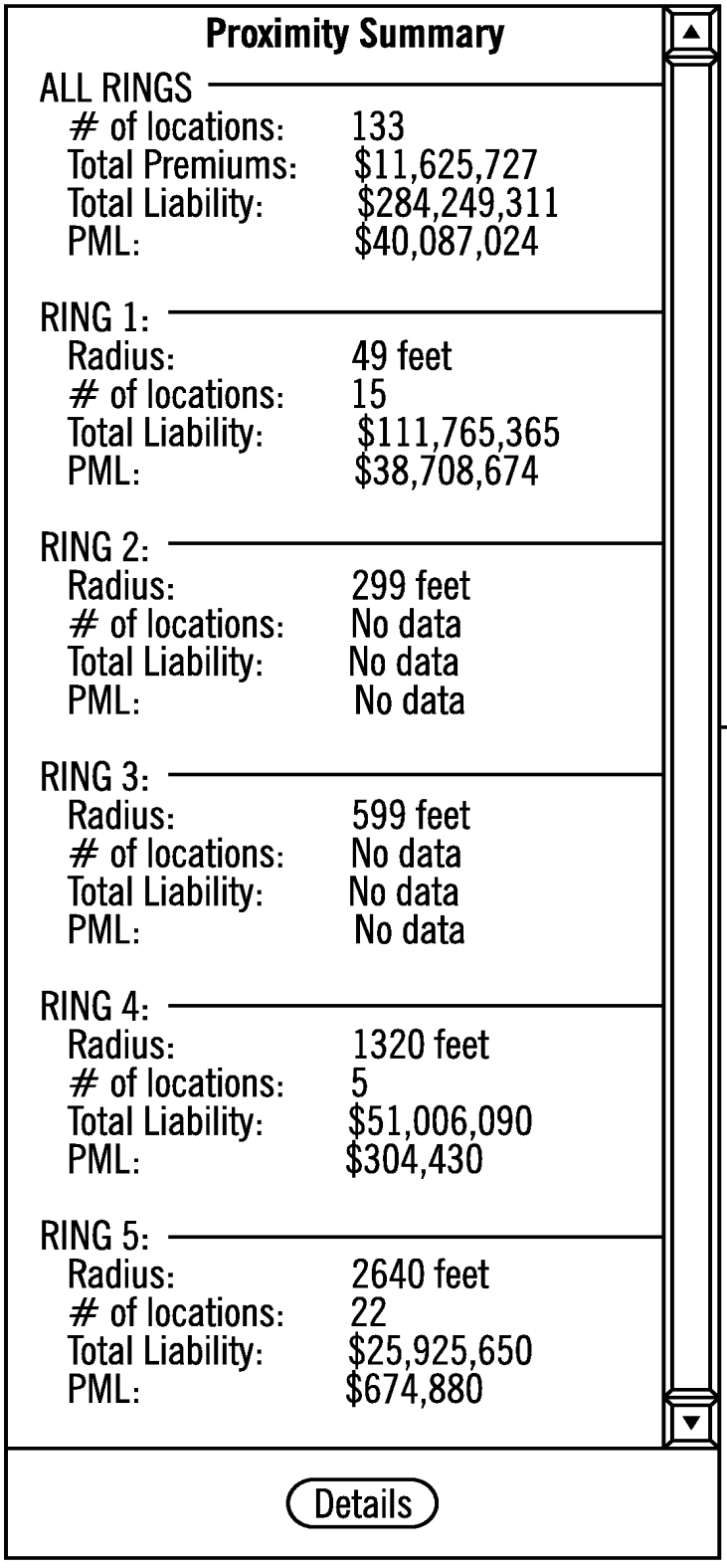

Proximity Summary
ALL RINGS
# of locations: 133
Total Premiums: $11,625,727
Total Liability: $284,249,311
PML: $40,087,024
RING 1:
Radius: 49 feet
# of locations: 15
Total Liability: $111,765,365
PML: $38,708,674
RING 2:
Radius: 299 feet
# of locations: No data
Total Liability: No data
PML: No data
RING 3:
Radius: 599 feet
# of locations: No data
Total Liability: No data
PML: No data
RING 4:
Radius: 1320 feet
# of locations: 5
Total Liability: $51,006,090
PML: $304,430
RING 5:
Radius: 2640 feet
# of locations: 22
Total Liability: $25,925,650
PML: $674,880
Details
6700

FIG. 67

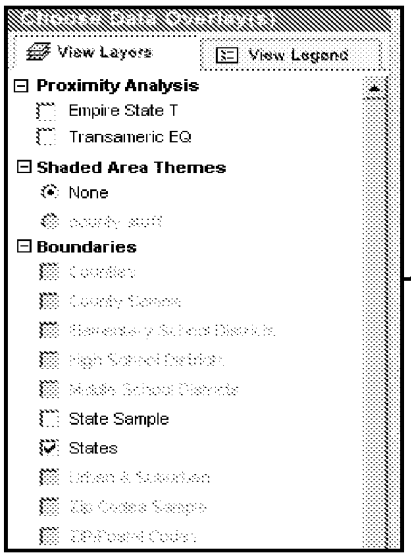

View Layers
View Legend
Proximity Analysis
Empire State T
Transameric EQ
Shaded Area Themes
None
Boundaries
State Sample
States
6800

FIG. 68

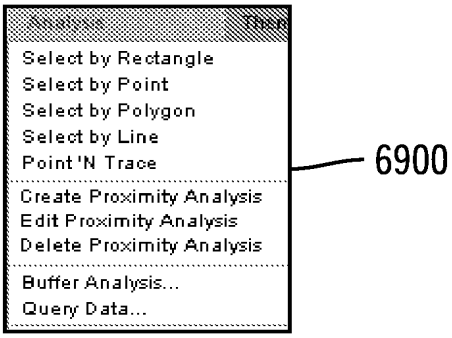

Select by Rectangle
Select by Point
Select by Polygon
Select by Line
Point 'N Trace
Create Proximity Analysis
Edit Proximity Analysis
Delete Proximity Analysis
Buffer Analysis...
Query Data...
6900

FIG. 69

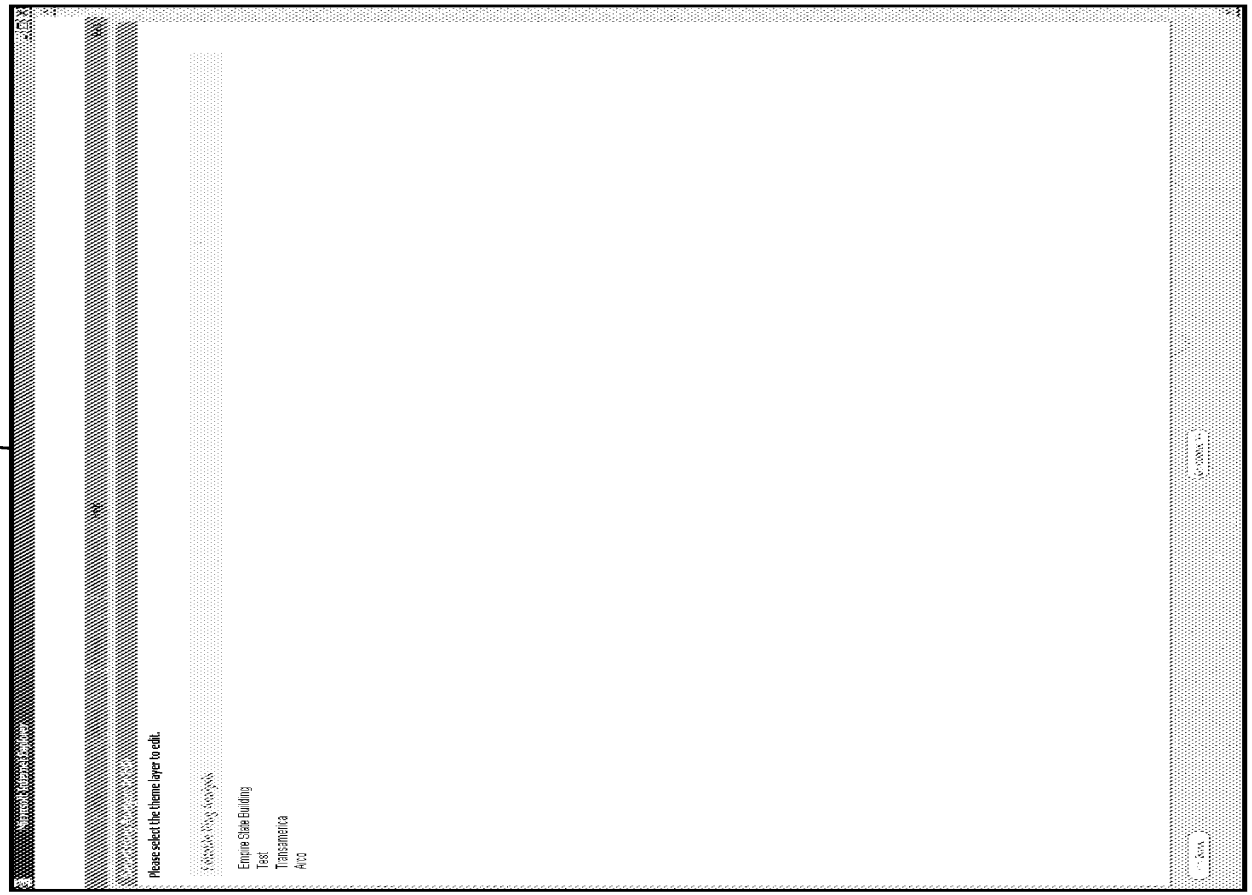

7000
Please select the theme layer to edit.
Empire State Building
Test
Transamerica
Aico

FIG. 70

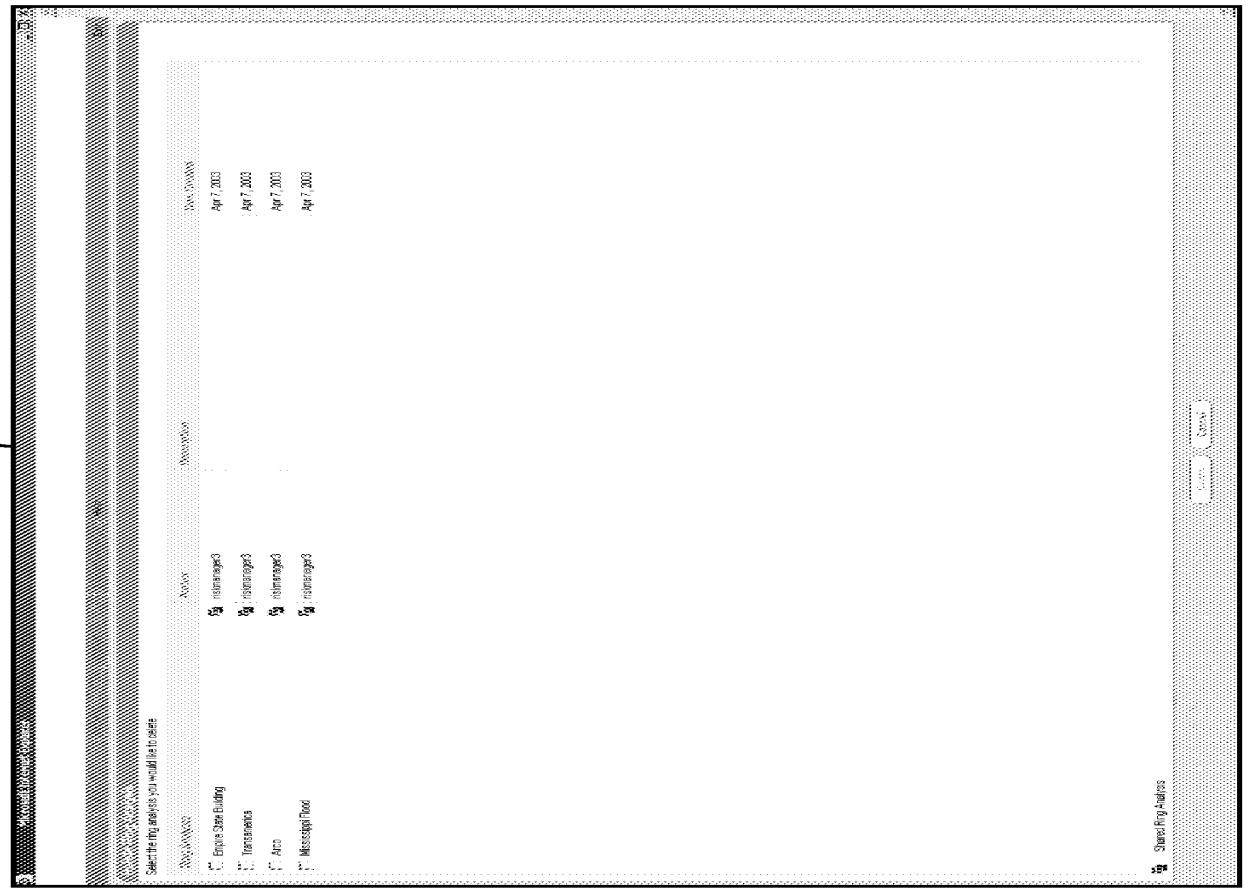



FIG. 71A

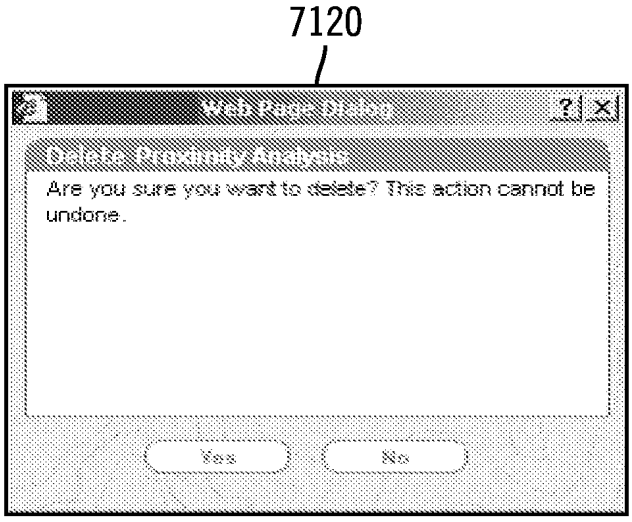

7120
Web Page Dialog
Delete Proximity Analysis
Are you sure you want to delete? This action cannot be undone.
Yes
No

FIG. 71B

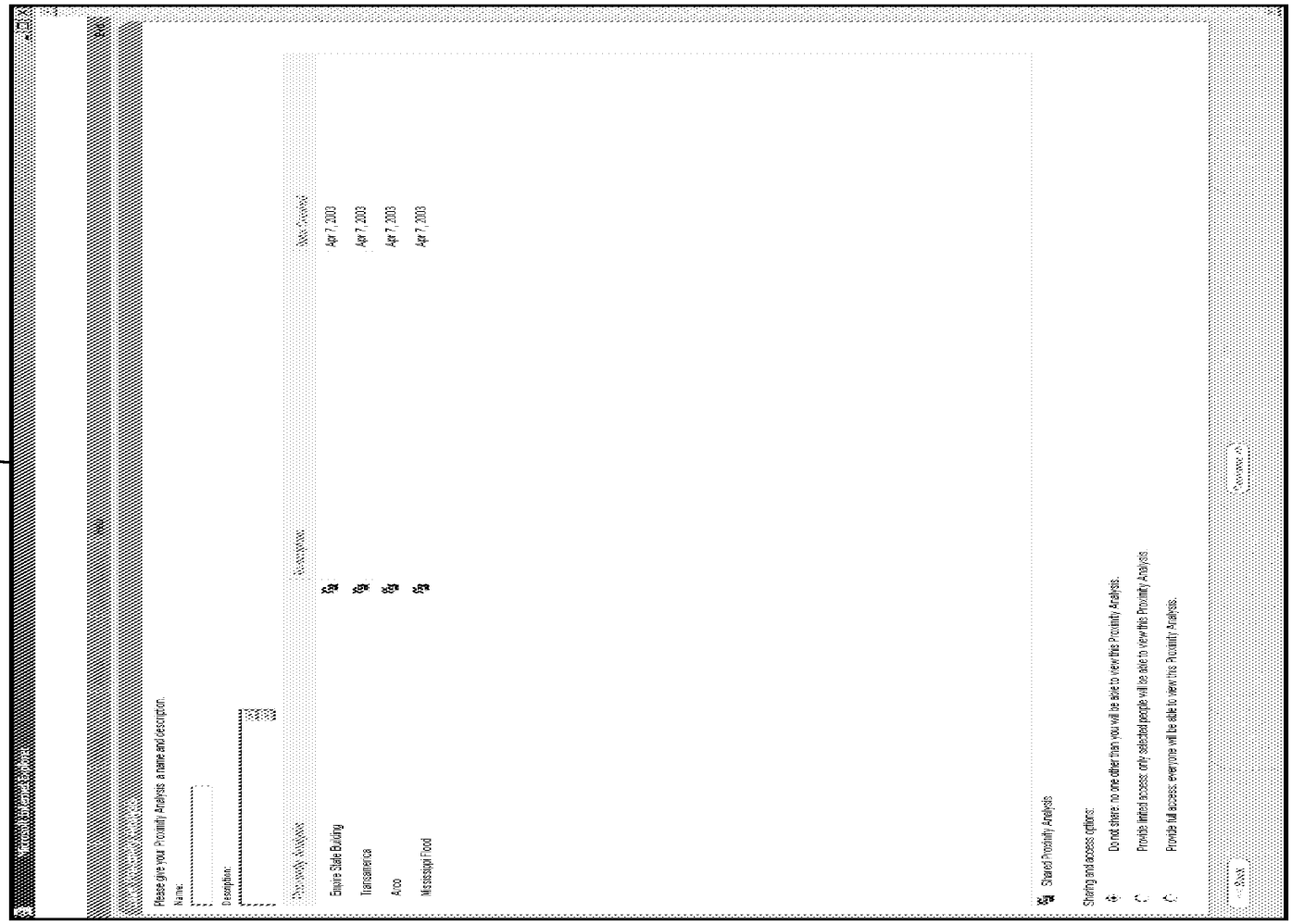

7200
Please give your Proximity Analysis a name and description.
Name:
Description:
Proximity Analysis
Assessment
Date Reviewed
Empire State Building
Apr 7, 2003
Transamerica
Apr 7, 2003
Arco
Apr 7, 2003
Mississippi Flood
Apr 7, 2003
Shared Proximity Analysis
Sharing and access options:
Do not share - no one other than you will be able to view this Proximity Analysis.
Provide limited access: only selected people will be able to view this Proximity Analysis.
Provide full access: everyone will be able to view this Proximity Analysis.
Back

FIG. 72

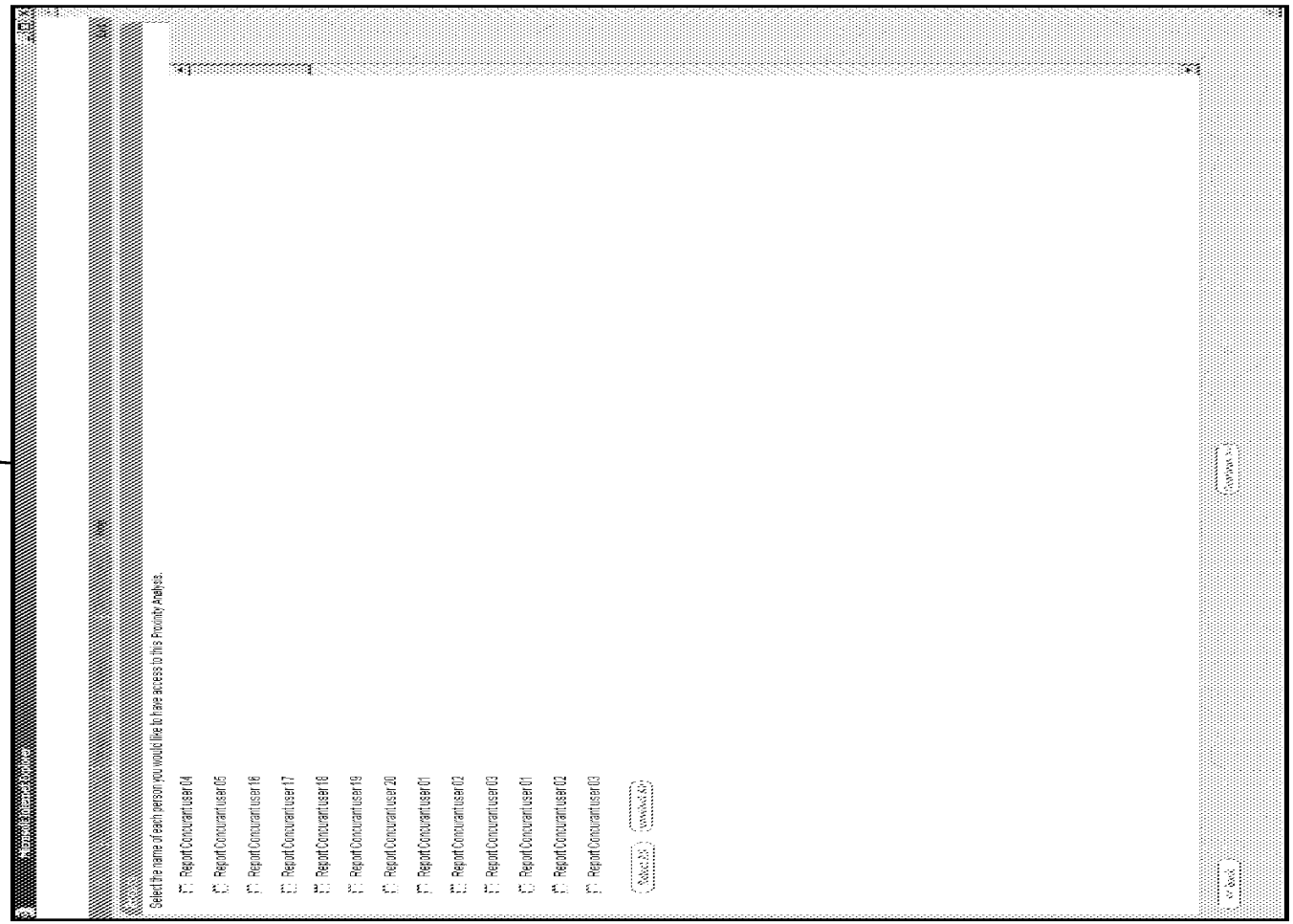

7300
Select the name of each person you would like to have access to this Proximity Analysis.
Report Concurrent user 04
Report Concurrent user 05
Report Concurrent user 16
Report Concurrent user 17
Report Concurrent user 18
Report Concurrent user 19
Report Concurrent user 20
Report Concurrent user 01
Report Concurrent user 02
Report Concurrent user 03
Report Concurrent user 01
Report Concurrent user 02
Report Concurrent user 03

FIG. 73

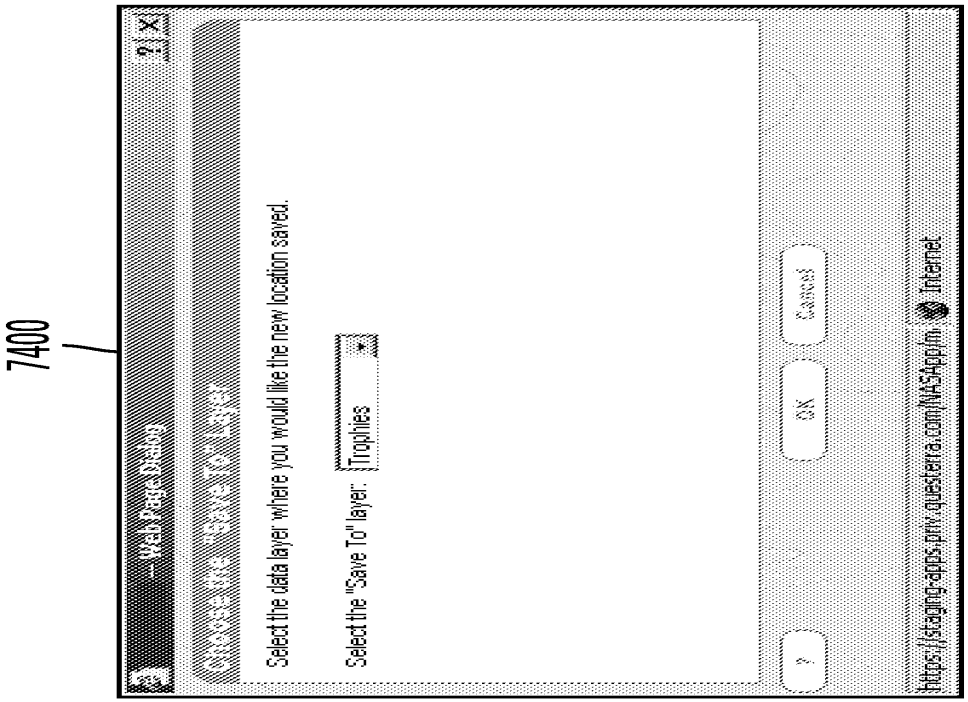

7400
Web Page Dialog
Select the data layer where you would like the new location saved.
Select the "Save To" layer:
Trophies
OK
Cancel
https://staging-apps.priv.questerra.com/NASApp/in
Internet

FIG. 74

7500

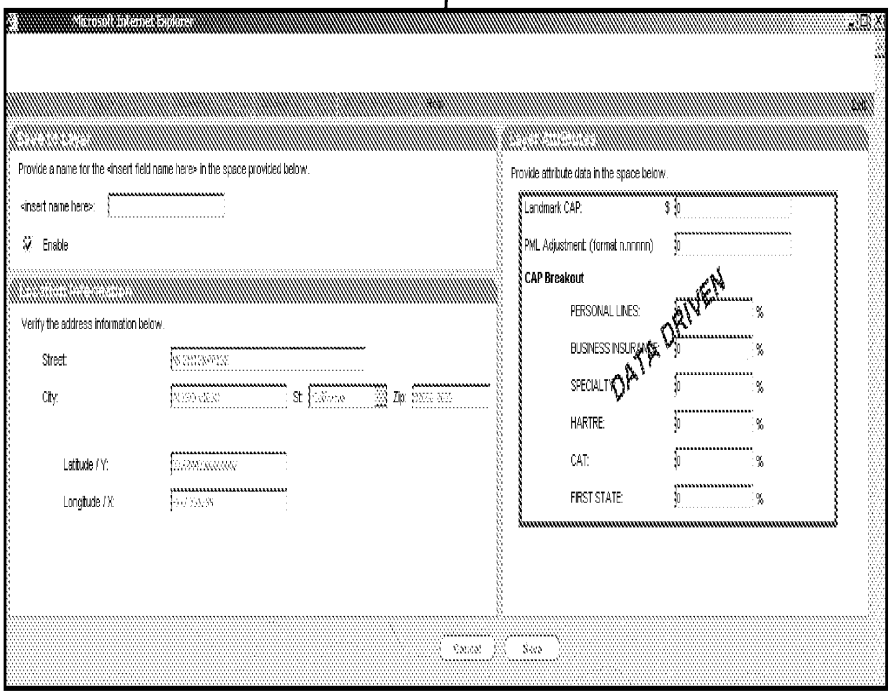

Provide a name for the <insert field name here> in the space provided below.
<insert name here>
Enable
Verify the address information below.
Street:
City:
St:
Zip:
Latitude / Y:
Longitude / X:
Provide attribute data in the space below.
Landmark CAP:
PML Adjustment: (format n.nnnnnn)
CAP Breakout
PERSONAL LINES:
BUSINESS INSURANCE:
SPECIALTY:
HARTRE:
CAT:
FIRST STATE:
DATA DRIVEN

FIG. 75

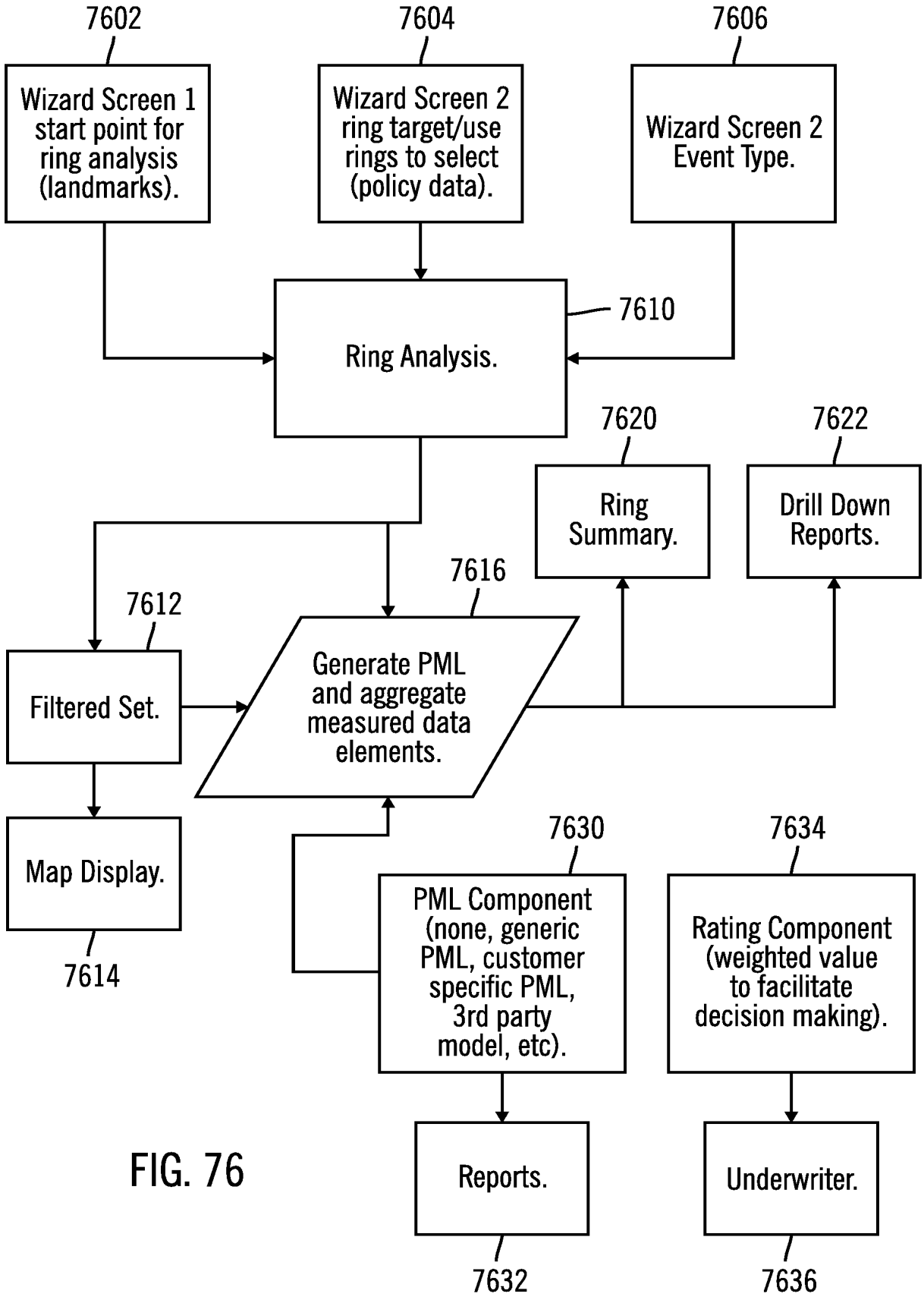

7602
Wizard Screen 1 start point for ring analysis (landmarks).
7604
Wizard Screen 2 ring target/use rings to select (policy data).
7606
Wizard Screen 2 Event Type.
7610
Ring Analysis.
7620
Ring Summary.
7622
Drill Down Reports.
7616
Generate PML and aggregate measured data elements.
7612
Filtered Set.
Map Display.
7614
7630
PML Component (none, generic PML, customer specific PML, 3rd party model, etc).
7634
Rating Component (weighted value to facilitate decision making).
Reports.
7632
Underwriter.
7636

FIG. 76

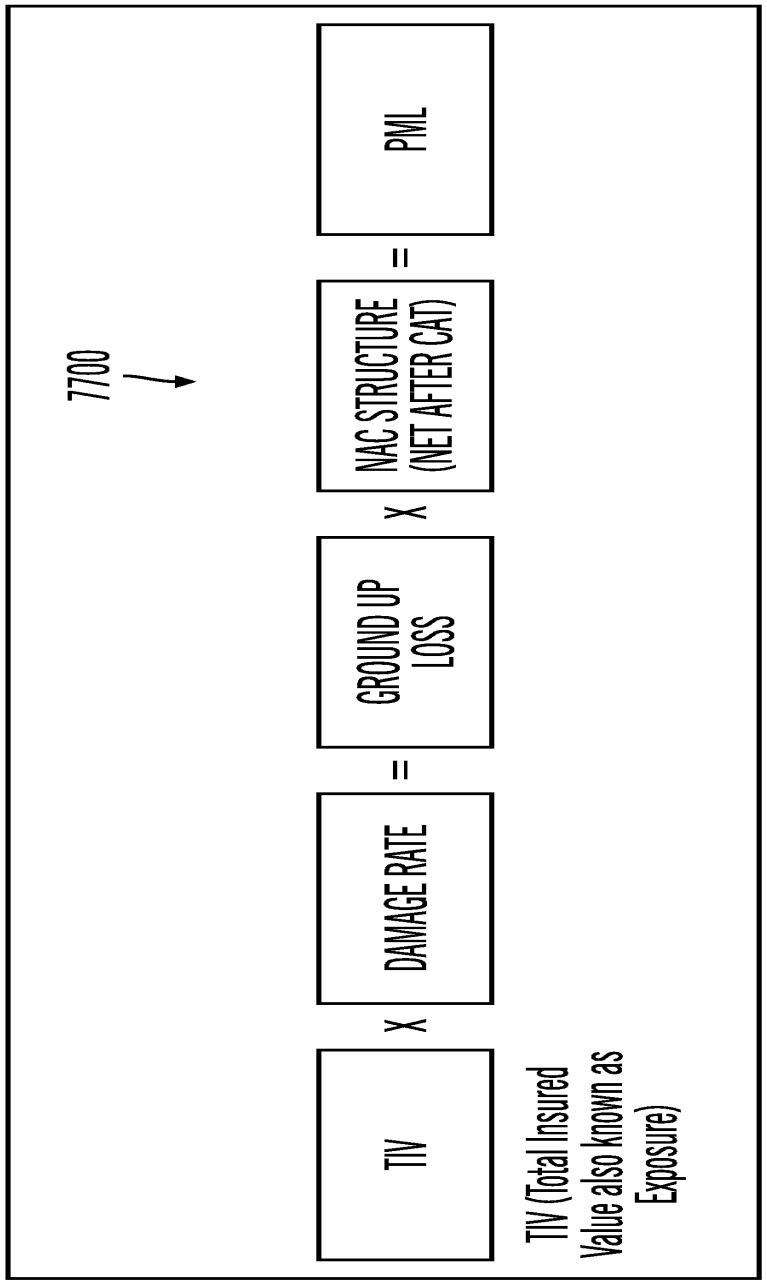

7700
TIV
X
DAMAGE RATE
=
GROUND UP LOSS
X
NAC STRUCTURE (NET AFTER CAT)
=
PML
TIV (Total Insured Value also known as Exposure)

FIG. 77

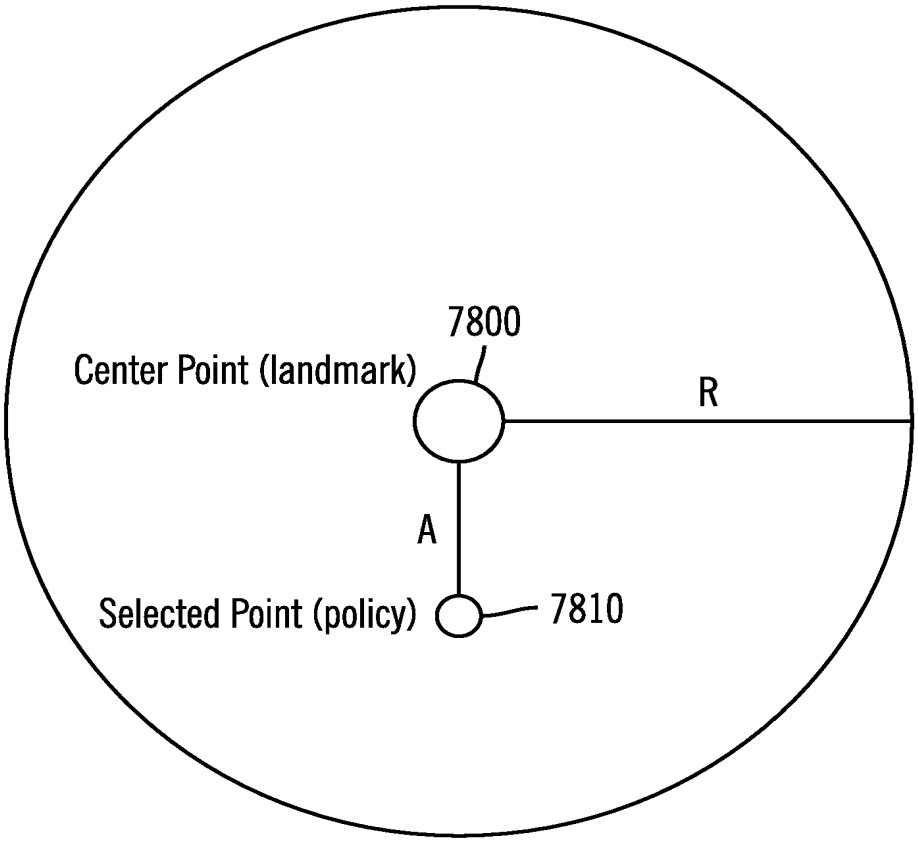



FIG. 78

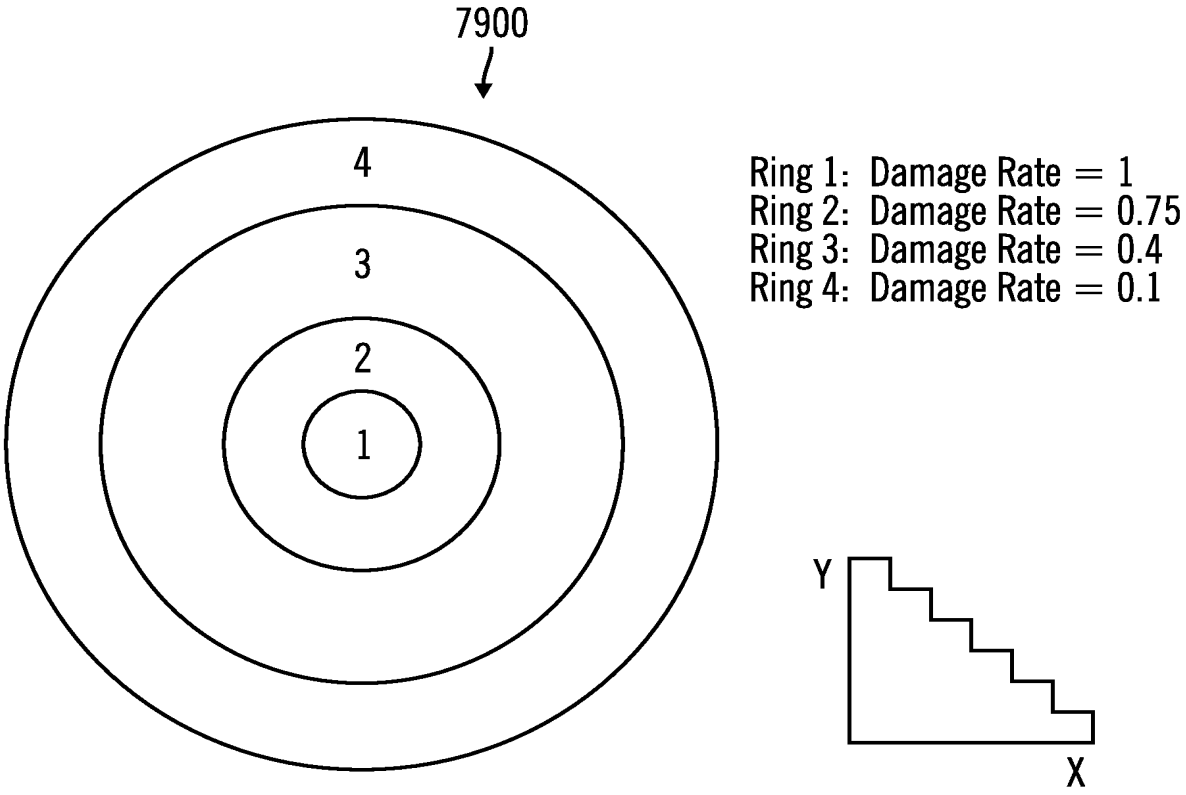

7900
4
3
2
1
Ring 1: Damage Rate = 1
Ring 2: Damage Rate = 0.75
Ring 3: Damage Rate = 0.4
Ring 4: Damage Rate = 0.1
Y
X

FIG. 79A

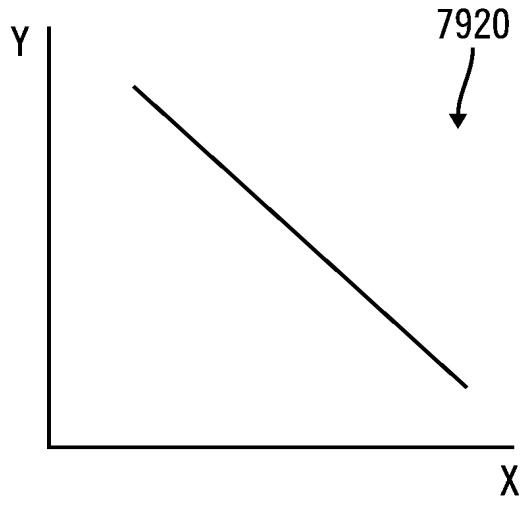



FIG. 79B

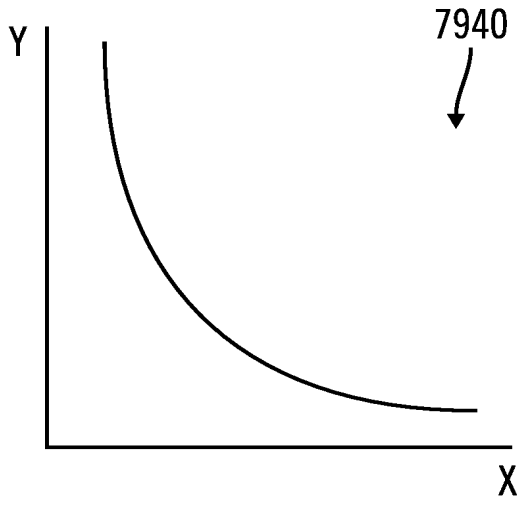



FIG. 79C

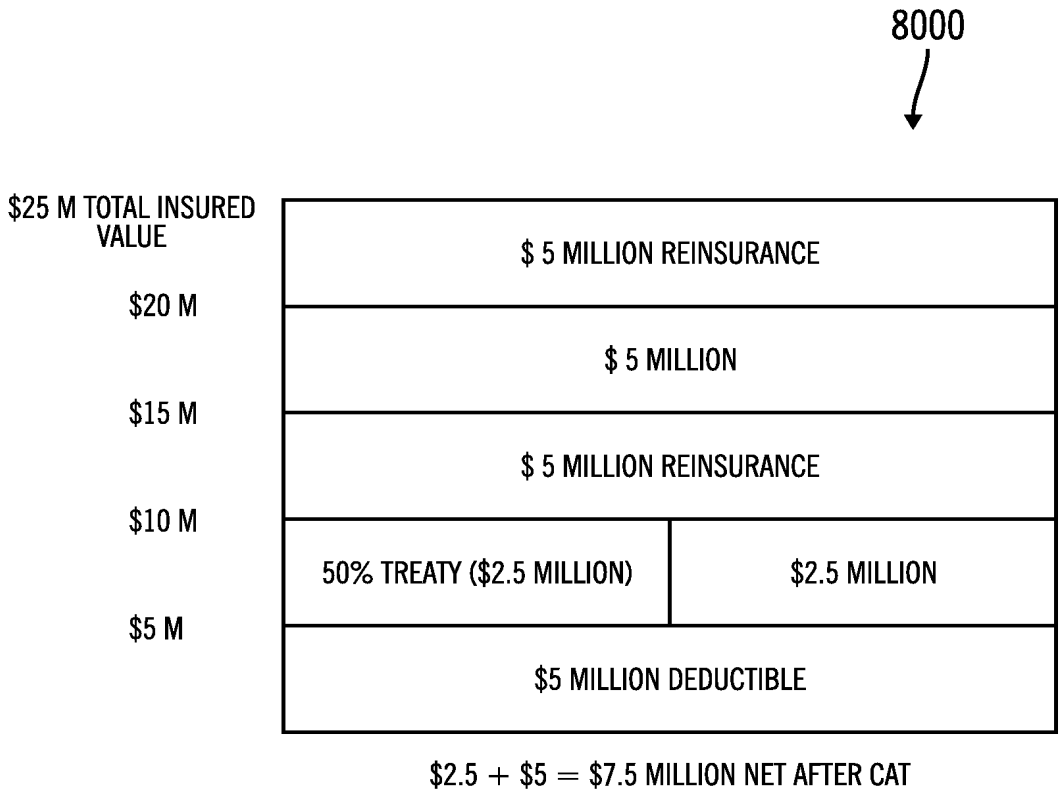
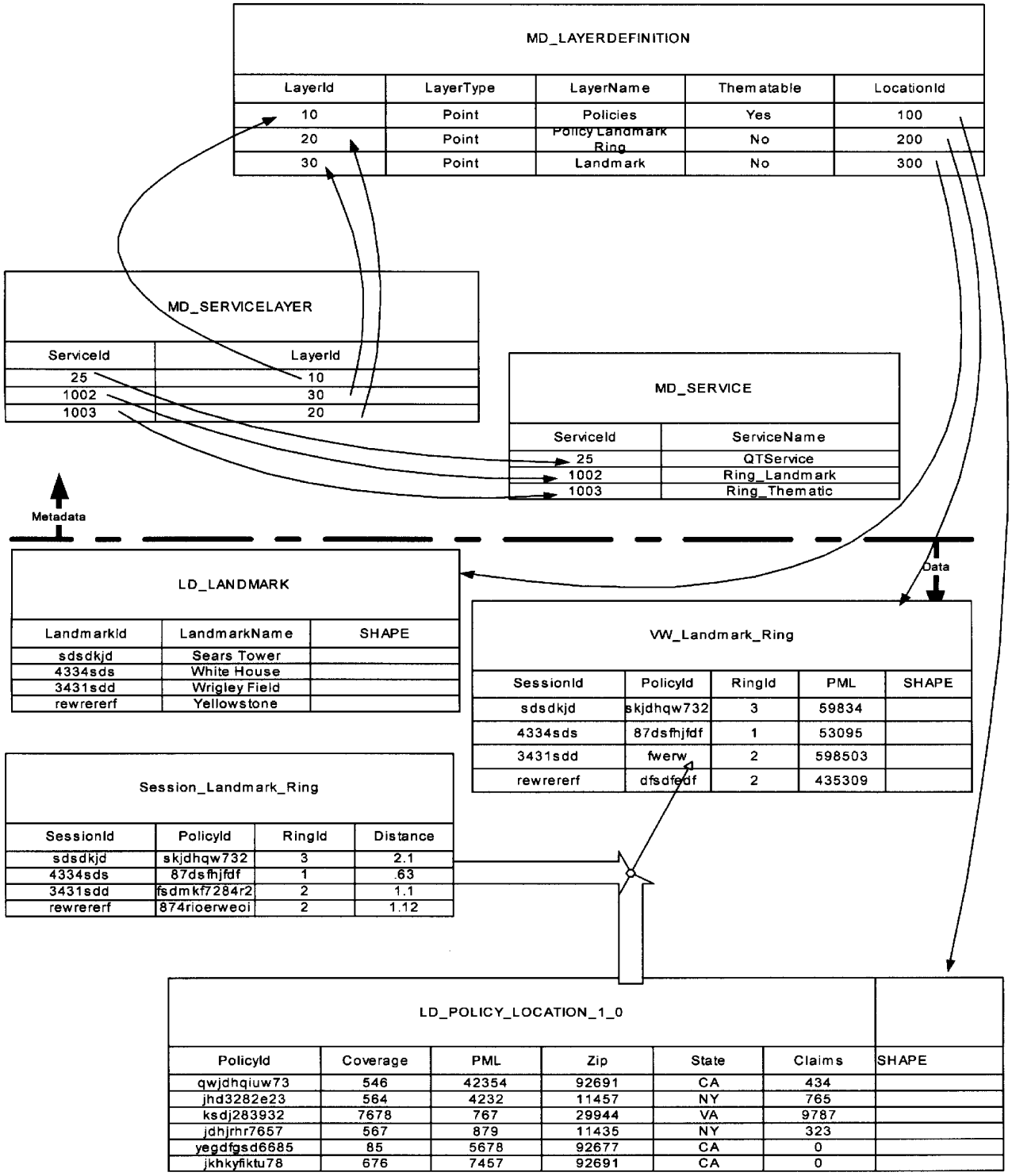

8000
$25 M TOTAL INSURED VALUE
$20 M
$15 M
$10 M
$5 M
$ 5 MILLION REINSURANCE
$ 5 MILLION
$ 5 MILLION REINSURANCE
50% TREATY ($2.5 MILLION)
$2.5 MILLION
$5 MILLION DEDUCTIBLE
$2.5 + $5 = $7.5 MILLION NET AFTER CAT

FIG. 80

8102
8104
8106
8108
8110
ALL DATA
POINT BUFFER
FILTERED DATA
APPLY RATING FORMULA
RATING FOR LOCATION ("new" policy)
Landmark Data
Apply Filter where epicenter is the "new" policy
All landmarks with X distance
Apply rating formula such as highest rating, average rating, or other as defined by the user

FIG. 81


MD_LAYERDEFINITION
LayerId | LayerType | LayerName | Thematable | LocationId
10 | Point | Policies | Yes | 100
20 | Point | Policy Landmark Ring | No | 200
30 | Point | Landmark | No | 300
MD_SERVICELAYER
ServiceId | LayerId
25 | 10
1002 | 30
1003 | 20
MD_SERVICE
ServiceId | ServiceName
25 | QTService
1002 | Ring_Landmark
1003 | Ring_Thematic
Metadata
Data
LD_LANDMARK
LandmarkId | LandmarkName | SHAPE
sdsdkjd | Sears Tower |
4334sds | White House |
3431sdd | Wrigley Field |
rewrererf | Yellowstone |
VW_Landmark_Ring
SessionId | PolicyId | RingId | PML | SHAPE
sdsdkjd | skjdhqw732 | 3 | 59834 |
4334sds | 87dsfhjfdf | 1 | 53095 |
3431sdd | fwerw | 2 | 598503 |
rewrererf | dfsdfedf | 2 | 435309 |
Session_Landmark_Ring
SessionId | PolicyId | RingId | Distance
sdsdkjd | skjdhqw732 | 3 | 2.1
4334sds | 87dsfhjfdf | 1 | .63
3431sdd | fsdmkf7284r2 | 2 | 1.1
rewrererf | 874rioerweoi | 2 | 1.12
LD_POLICY_LOCATION_1_0
PolicyId | Coverage | PML | Zip | State | Claims | SHAPE
qwjdhqiuw73 | 546 | 42354 | 92691 | CA | 434 |
jhd3282e23 | 564 | 4232 | 11457 | NY | 765 |
ksdj283932 | 7678 | 767 | 29944 | VA | 9787 |
jdhjrhr7657 | 567 | 879 | 11435 | NY | 323 |
yegdfgsd6685 | 85 | 5678 | 92677 | CA | 0 |
jkhkyfiktu78 | 676 | 7457 | 92691 | CA | 0 |

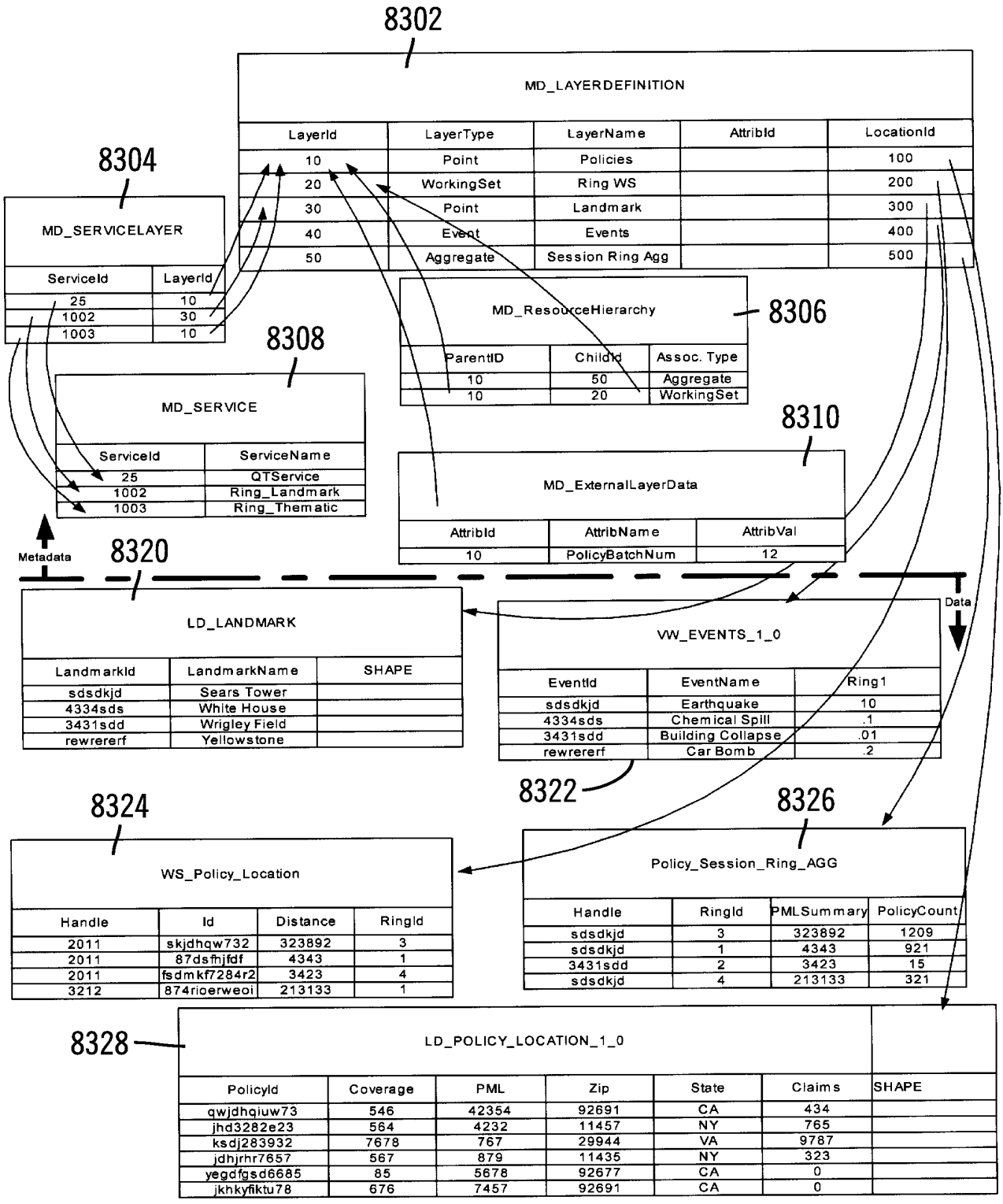

8302
MD_LAYERDEFINITION
LayerId | LayerType | LayerName | AttribId | LocationId
10 | Point | Policies | | 100
20 | WorkingSet | Ring WS | | 200
30 | Point | Landmark | | 300
40 | Event | Events | | 400
50 | Aggregate | Session Ring Agg | | 500
8304
MD_SERVICELAYER
ServiceId | LayerId
25 | 10
1002 | 30
1003 | 10
MD_ResourceHierarchy
8306
ParentID | ChildId | Assoc. Type
10 | 50 | Aggregate
10 | 20 | WorkingSet
8308
MD_SERVICE
ServiceId | ServiceName
25 | QTService
1002 | Ring_Landmark
1003 | Ring_Thematic
8310
MD_ExternalLayerData
AttribId | AttribName | AttribVal
10 | PolicyBatchNum | 12
Metadata
8320
Data
LD_LANDMARK
LandmarkId | LandmarkName | SHAPE
sdsdkjd | Sears Tower |
4334sds | White House |
3431sdd | Wrigley Field |
rewrererf | Yellowstone |
VW_EVENTS_1_0
EventId | EventName | Ring1
sdsdkjd | Earthquake | 10
4334sds | Chemical Spill | .1
3431sdd | Building Collapse | .01
rewrererf | Car Bomb | .2
8322
8324
WS_Policy_Location
Handle | Id | Distance | RingId
2011 | skjdhqw732 | 323892 | 3
2011 | 87dsfhjfdf | 4343 | 1
2011 | fsdmkf7284r2 | 3423 | 4
3212 | 874rioerweoi | 213133 | 1
8326
Policy_Session_Ring_AGG
Handle | RingId | PMLSummary | PolicyCount
sdsdkjd | 3 | 323892 | 1209
sdsdkjd | 1 | 4343 | 921
3431sdd | 2 | 3423 | 15
sdsdkjd | 4 | 213133 | 321
8328
LD_POLICY_LOCATION_1_0
PolicyId | Coverage | PML | Zip | State | Claims | SHAPE
qwjdhqiuw73 | 546 | 42354 | 92691 | CA | 434 |
jhd3282e23 | 564 | 4232 | 11457 | NY | 765 |
ksdj283932 | 7678 | 767 | 29944 | VA | 9787 |
jdhjrhr7657 | 567 | 879 | 11435 | NY | 323 |
yegdfgsd6685 | 85 | 5678 | 92677 | CA | 0 |
jkhkyfiktu78 | 676 | 7457 | 92691 | CA | 0

FIG. 83

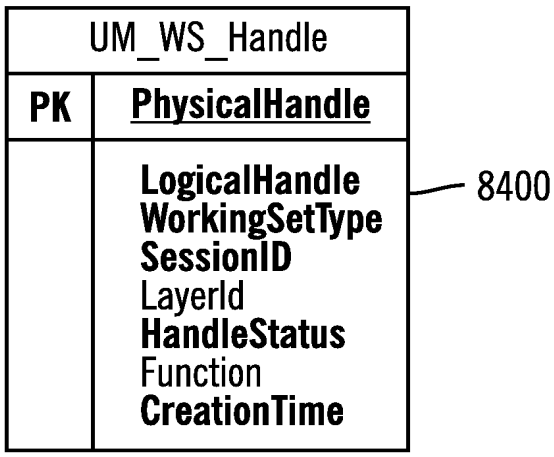

UM_WS_Handle
PK
PhysicalHandle
LogicalHandle
WorkingSetType
SessionID
LayerId
HandleStatus
Function
CreationTime
8400

FIG. 84

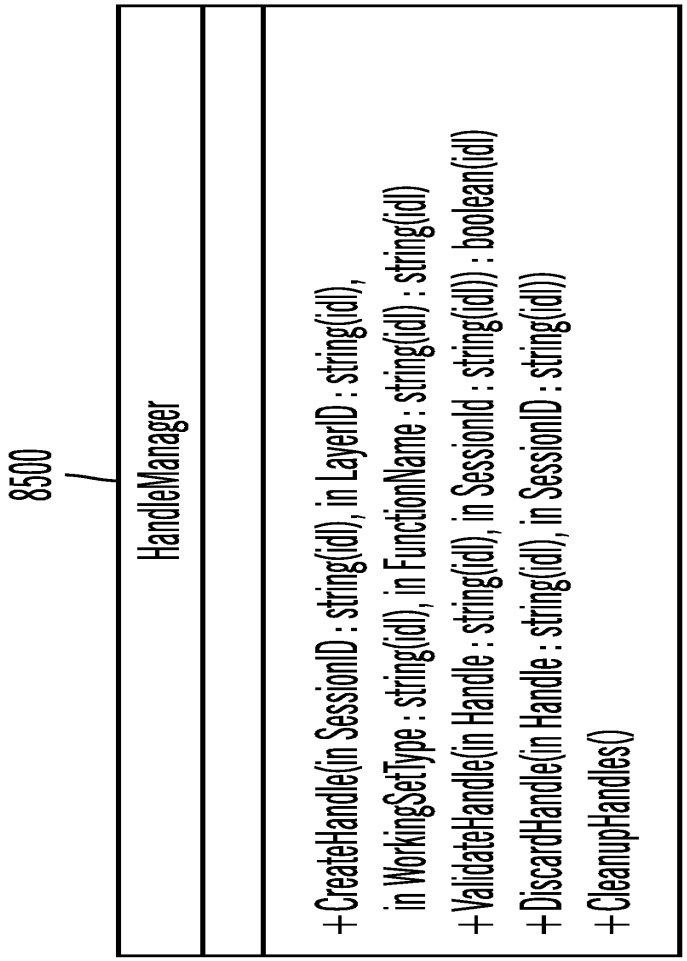

8500
HandleManager
+CreateHandle(in SessionID : string(idl), in LayerID : string(idl),
in WorkingSetType : string(idl), in FunctionName : string(idl) : string(idl)
+ValidateHandle(in Handle : string(idl), in SessionId : string(idl)) : boolean(idl)
+DiscardHandle(in Handle : string(idl), in SessionID : string(idl))
+CleanupHandles()

FIG. 85

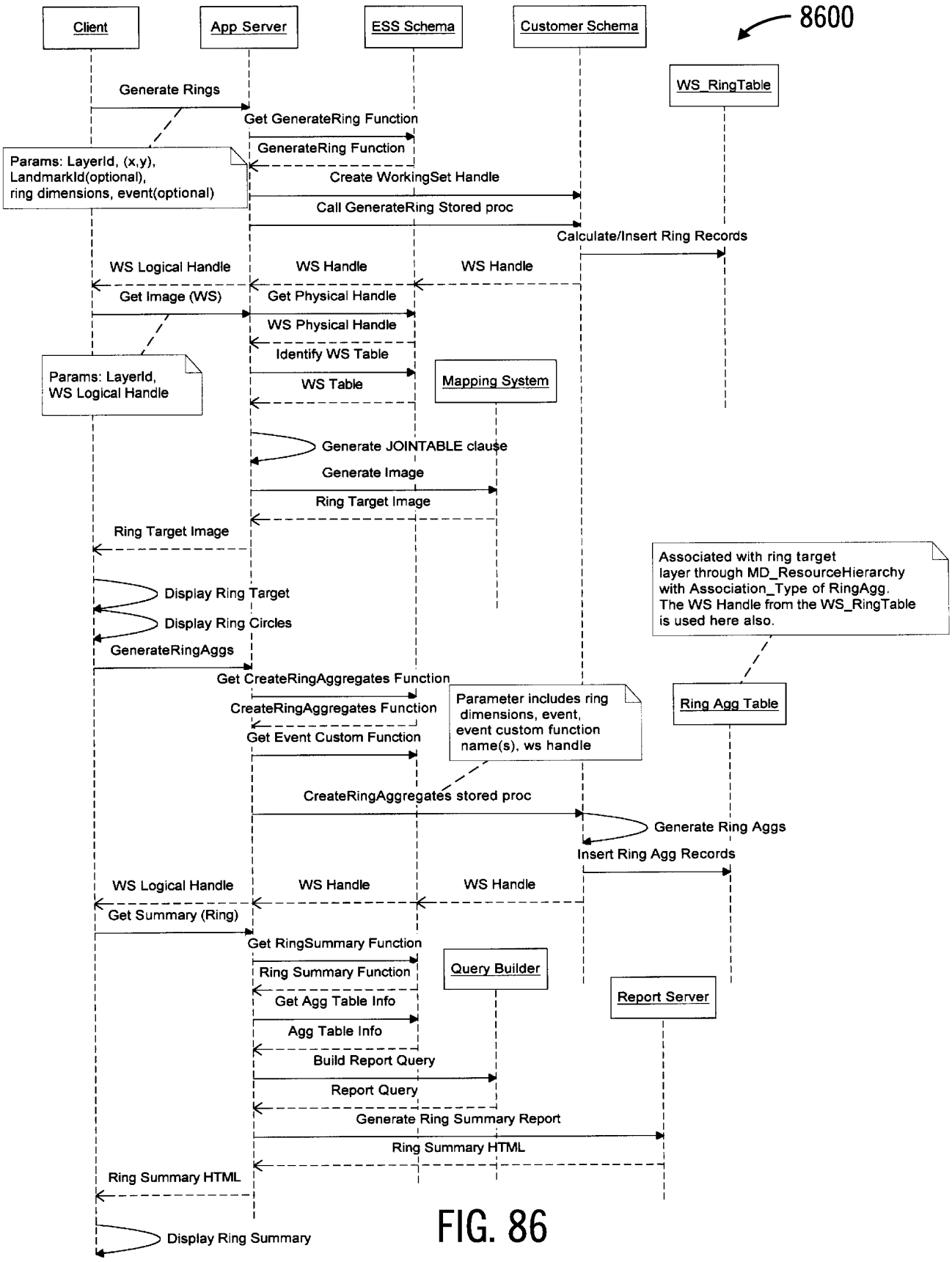

8600
Client
App Server
ESS Schema
Customer Schema
WS_RingTable
Generate Rings
Get GenerateRing Function
GenerateRing Function
Params: LayerId, (x,y), LandmarkId(optional), ring dimensions, event(optional)
Create WorkingSet Handle
Call GenerateRing Stored proc
Calculate/Insert Ring Records
WS Logical Handle
WS Handle
WS Handle
Get Image (WS)
Get Physical Handle
WS Physical Handle
Identify WS Table
Params: LayerId, WS Logical Handle
WS Table
Mapping System
Generate JOINTABLE clause
Generate Image
Ring Target Image
Ring Target Image
Associated with ring target layer through MD_ResourceHierarchy with Association_Type of RingAgg. The WS Handle from the WS_RingTable is used here also.
Display Ring Target
Display Ring Circles
GenerateRingAggs
Get CreateRingAggregates Function
CreateRingAggregates Function
Parameter includes ring dimensions, event, event custom function name(s), ws handle
Ring Agg Table
Get Event Custom Function
CreateRingAggregates stored proc
Generate Ring Aggs
Insert Ring Agg Records
WS Logical Handle
WS Handle
WS Handle
Get Summary (Ring)
Get RingSummary Function
Ring Summary Function
Query Builder
Report Server
Get Agg Table Info
Agg Table Info
Build Report Query
Report Query
Generate Ring Summary Report
Ring Summary HTML
Ring Summary HTML
Display Ring Summary

FIG. 86

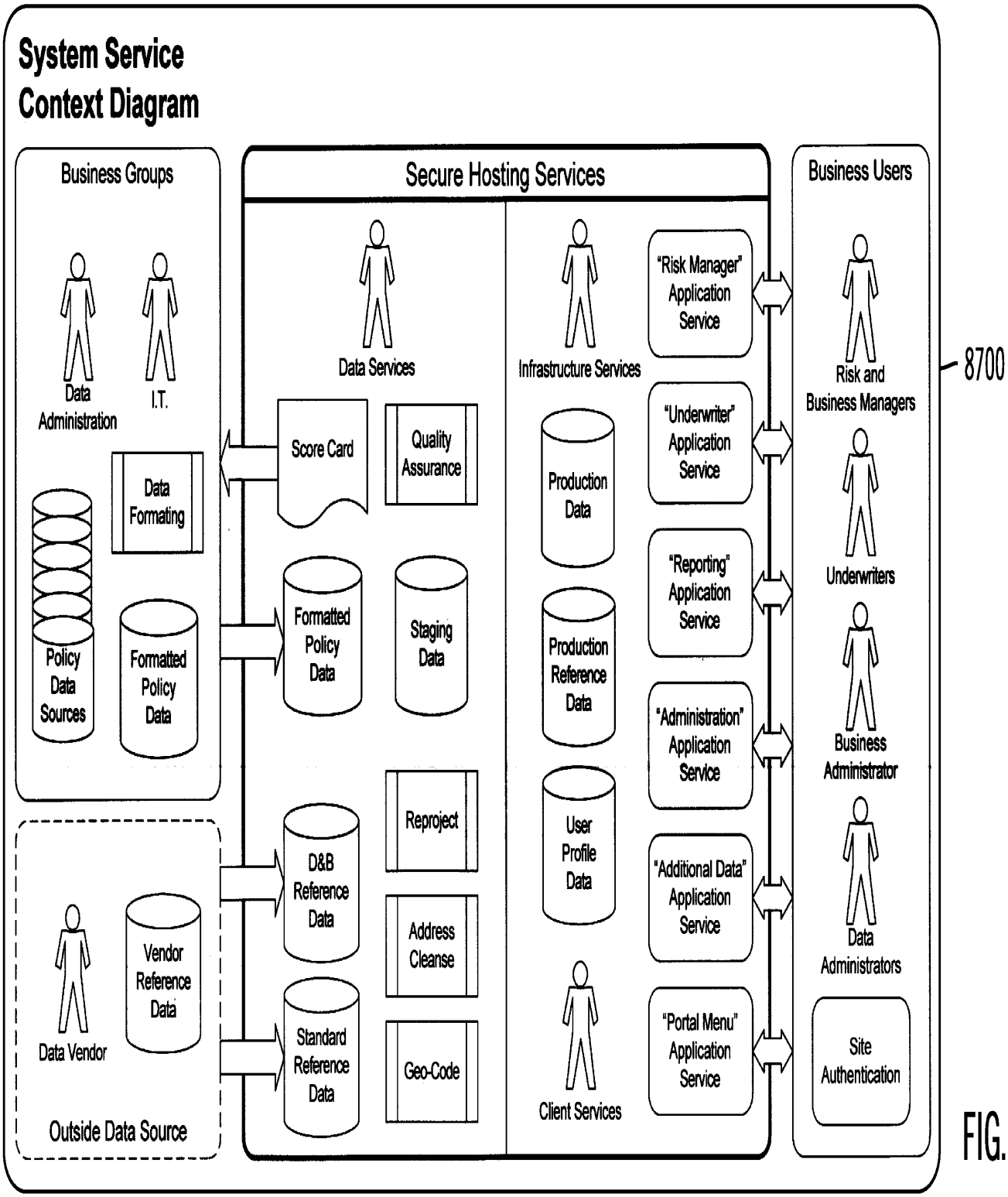

System Service
Context Diagram
Business Groups
Data Administration
I.T.
Data Formating
Policy Data Sources
Formatted Policy Data
Outside Data Source
Data Vendor
Vendor Reference Data
Secure Hosting Services
Data Services
Score Card
Quality Assurance
Formatted Policy Data
Staging Data
Reproject
D&B Reference Data
Address Cleanse
Standard Reference Data
Geo-Code
Infrastructure Services
Production Data
Production Reference Data
User Profile Data
Client Services
"Risk Manager" Application Service
"Underwriter" Application Service
"Reporting" Application Service
"Administration" Application Service
"Additional Data" Application Service
"Portal Menu" Application Service
Business Users
Risk and Business Managers
Underwriters
Business Administrator
Data Administrators
Site Authentication
8700

FIG. 87

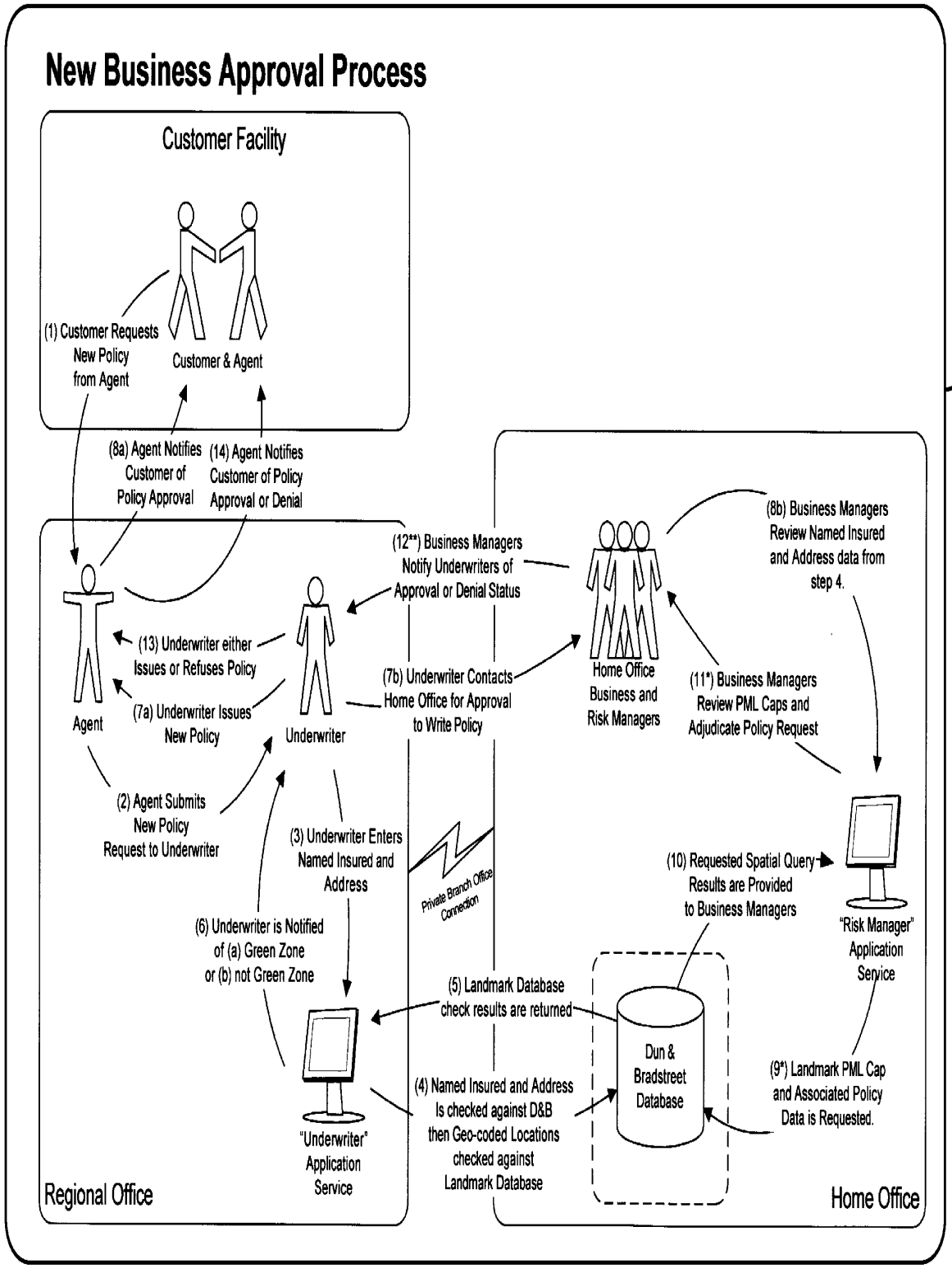

New Business Approval Process
Customer Facility
(1) Customer Requests New Policy from Agent
Customer & Agent
(8a) Agent Notifies Customer of Policy Approval
(14) Agent Notifies Customer of Policy Approval or Denial
8800
(12**) Business Managers Notify Underwriters of Approval or Denial Status
(8b) Business Managers Review Named Insured and Address data from step 4.
Home Office Business and Risk Managers
(13) Underwriter either Issues or Refuses Policy
(7a) Underwriter Issues New Policy
Agent
Underwriter
(7b) Underwriter Contacts Home Office for Approval to Write Policy
(11*) Business Managers Review PML Caps and Adjudicate Policy Request
(2) Agent Submits New Policy Request to Underwriter
(3) Underwriter Enters Named Insured and Address
Private Branch Office Connection
(10) Requested Spatial Query Results are Provided to Business Managers
"Risk Manager" Application Service
(6) Underwriter is Notified of (a) Green Zone or (b) not Green Zone
(5) Landmark Database check results are returned
Dun & Bradstreet Database
(9*) Landmark PML Cap and Associated Policy Data is Requested.
(4) Named Insured and Address Is checked against D&B then Geo-coded Locations checked against Landmark Database
"Underwriter" Application Service
Regional Office
Home Office

FIG. 88

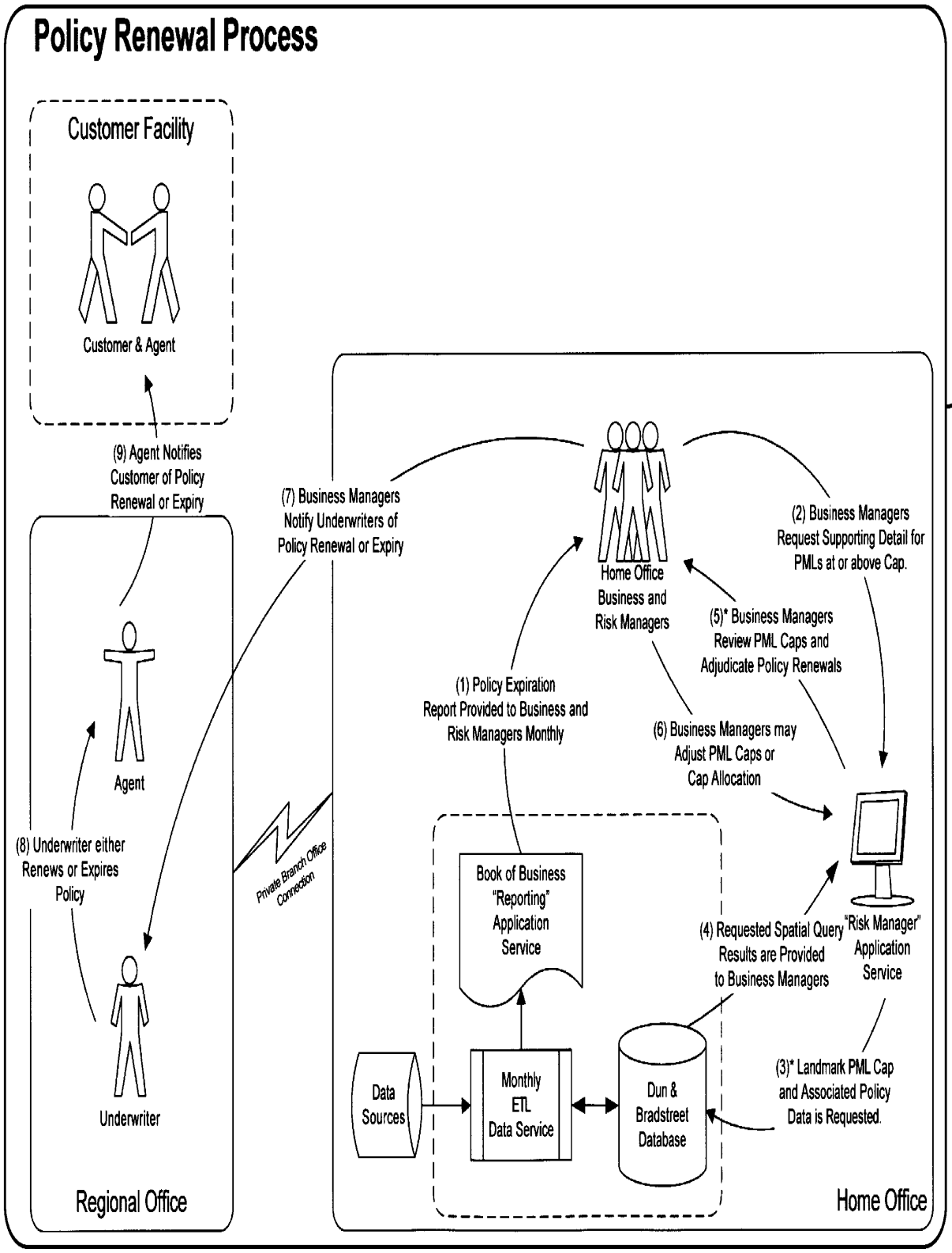

Policy Renewal Process
Customer Facility
Customer & Agent
8900
(9) Agent Notifies Customer of Policy Renewal or Expiry
(7) Business Managers Notify Underwriters of Policy Renewal or Expiry
Home Office Business and Risk Managers
(2) Business Managers Request Supporting Detail for PMLs at or above Cap.
(5)* Business Managers Review PML Caps and Adjudicate Policy Renewals
(1) Policy Expiration Report Provided to Business and Risk Managers Monthly
(6) Business Managers may Adjust PML Caps or Cap Allocation
Agent
(8) Underwriter either Renews or Expires Policy
Private Branch Office Connection
Book of Business "Reporting" Application Service
(4) Requested Spatial Query Results are Provided to Business Managers
"Risk Manager" Application Service
Data Sources
Monthly ETL Data Service
Dun & Bradstreet Database
(3)* Landmark PML Cap and Associated Policy Data is Requested.
Underwriter
Regional Office
Home Office

FIG. 89

REPLACEMENT SHEET





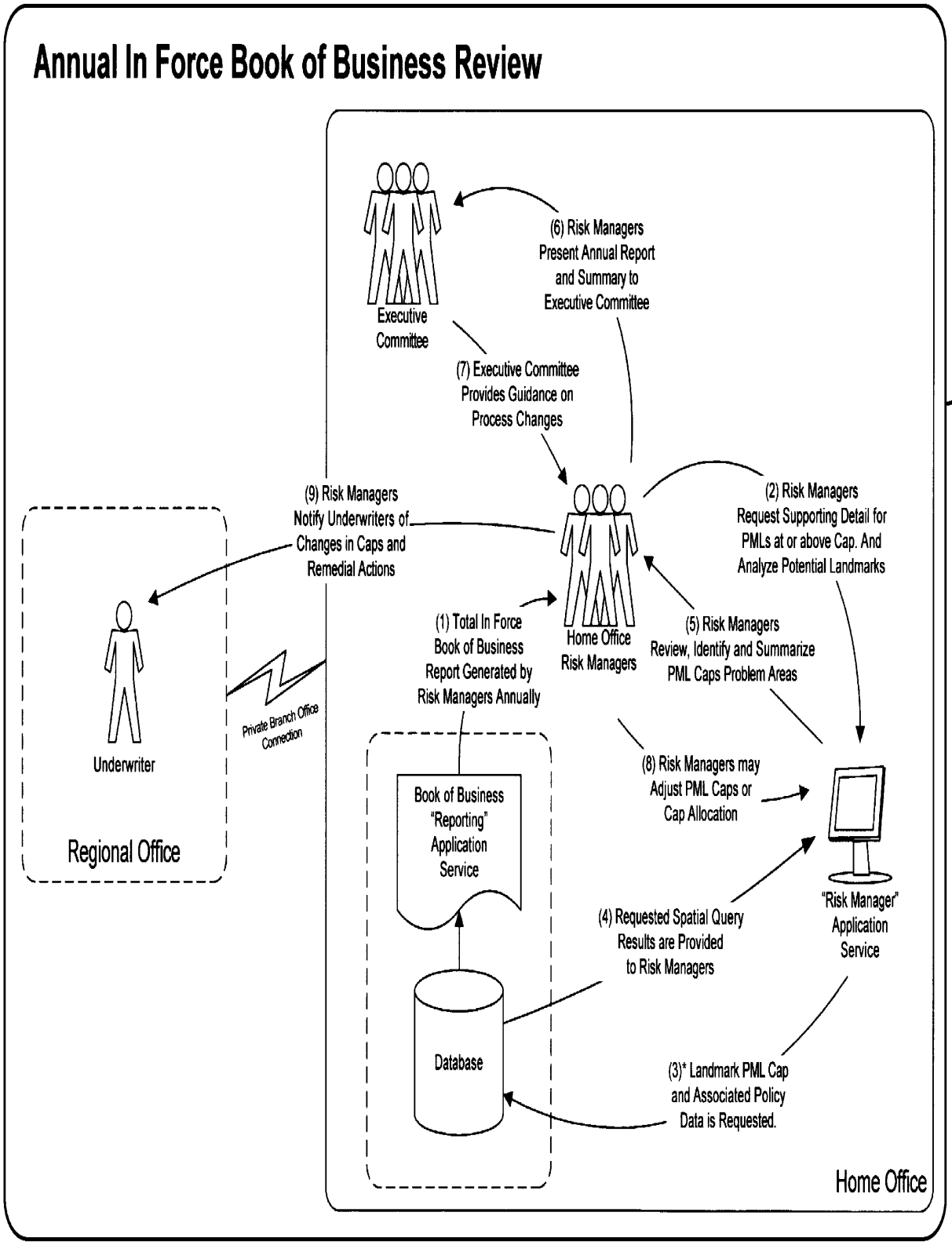



FIG. 90

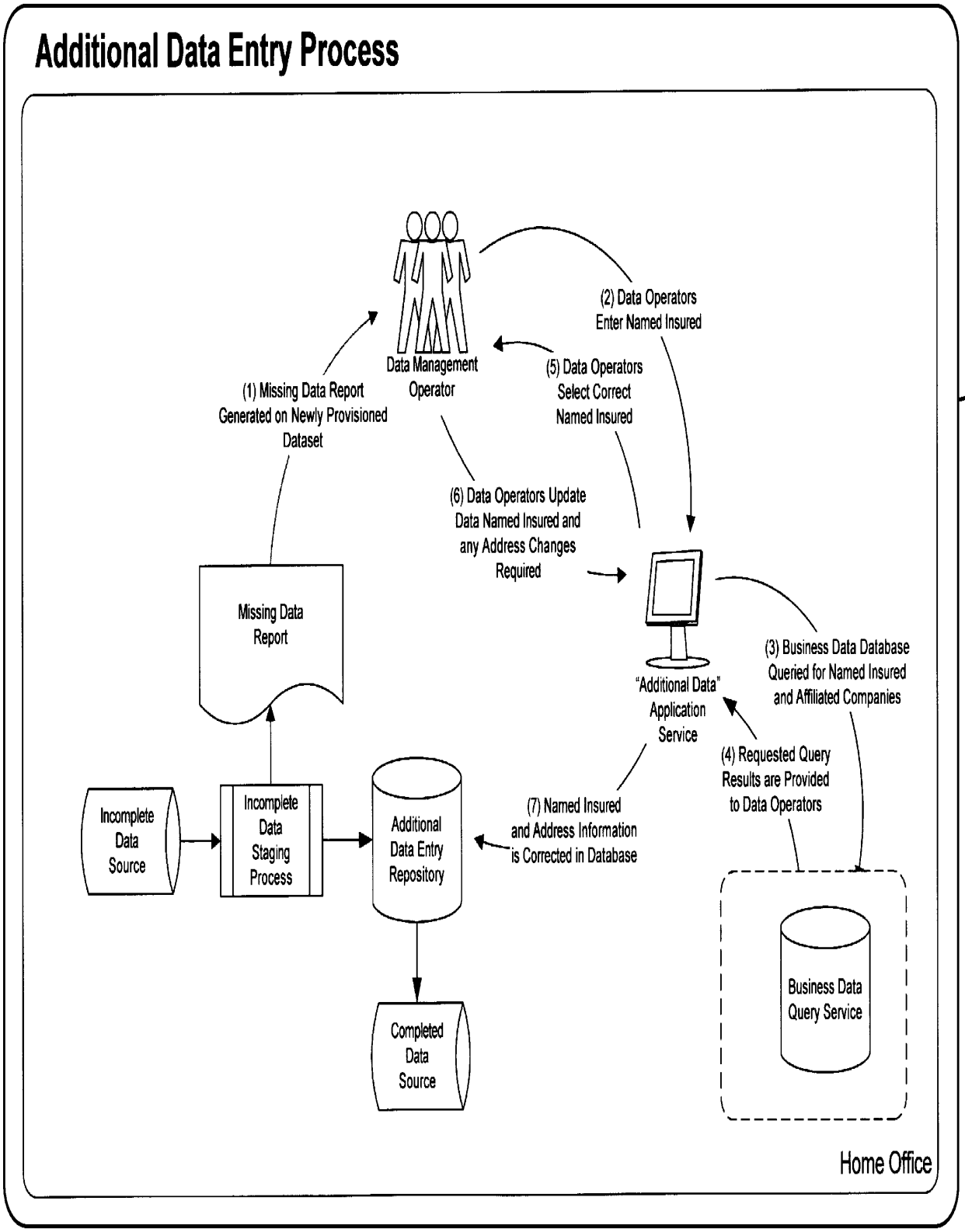

Additional Data Entry Process
9100
Data Management Operator
(1) Missing Data Report Generated on Newly Provisioned Dataset
(2) Data Operators Enter Named Insured
(3) Business Data Database Queried for Named Insured and Affiliated Companies
(4) Requested Query Results are Provided to Data Operators
(5) Data Operators Select Correct Named Insured
(6) Data Operators Update Data Named Insured and any Address Changes Required
(7) Named Insured and Address Information is Corrected in Database
Missing Data Report
"Additional Data" Application Service
Incomplete Data Source
Incomplete Data Staging Process
Additional Data Entry Repository
Completed Data Source
Business Data Query Service
Home Office

FIG. 91

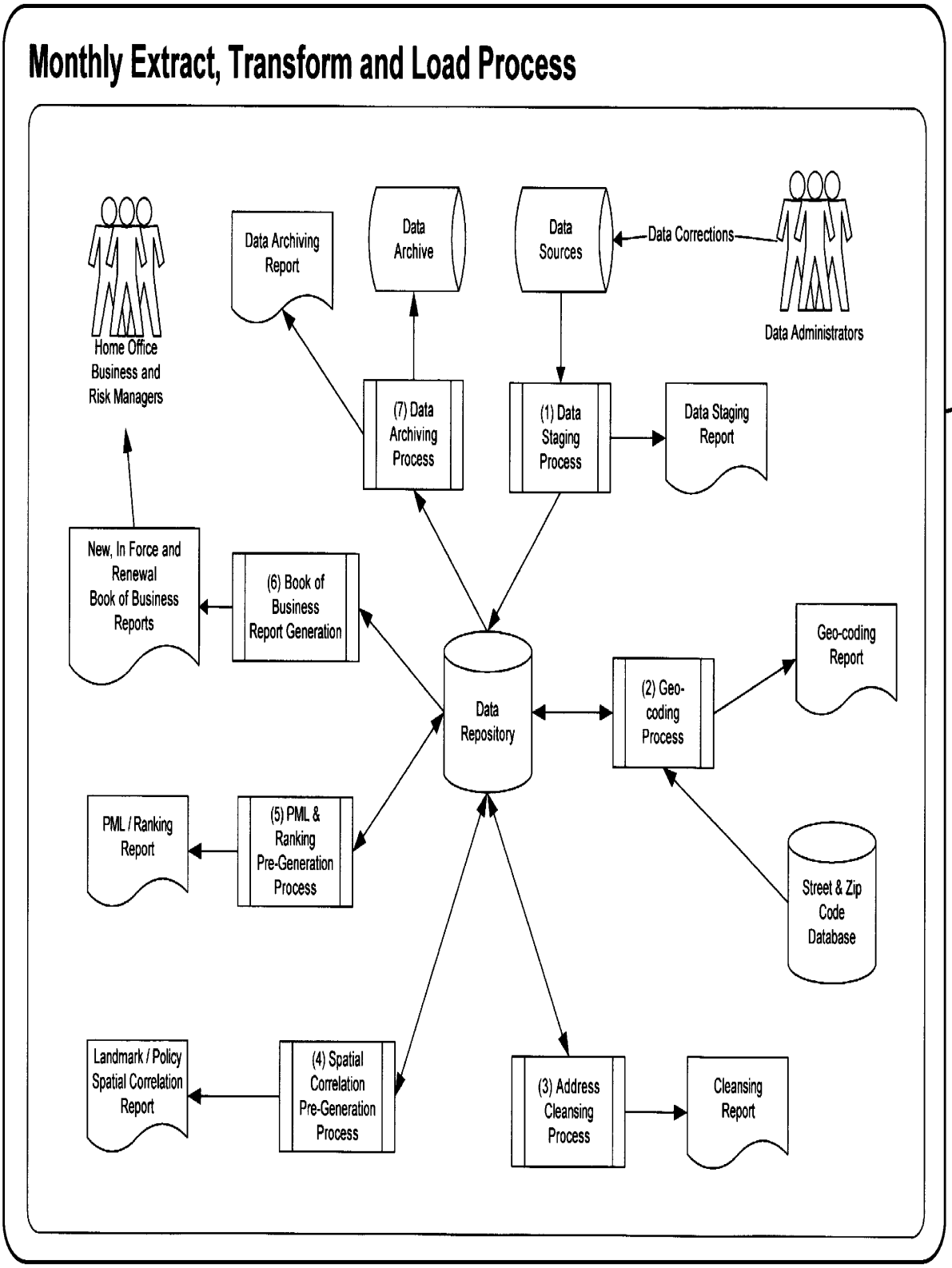

Monthly Extract, Transform and Load Process
Home Office Business and Risk Managers
Data Archiving Report
Data Archive
Data Sources
Data Corrections
Data Administrators
(7) Data Archiving Process
(1) Data Staging Process
Data Staging Report
New, In Force and Renewal Book of Business Reports
(6) Book of Business Report Generation
Data Repository
(2) Geo-coding Process
Geo-coding Report
PML / Ranking Report
(5) PML & Ranking Pre-Generation Process
Street & Zip Code Database
Landmark / Policy Spatial Correlation Report
(4) Spatial Correlation Pre-Generation Process
(3) Address Cleansing Process
Cleansing Report
9200

FIG. 92

FIG. 93


9300
Search By:
City
Image Type:
Corporate Data
Policy Holders
High Risk Landmarks
District Boundaries
Underwriter Locations
Competitor Locations
Boundaries
Major Watersheds
States
Counties
Demographics
Cities
Infrastructure
Pipeline Facilities
Transportation
Interstate Highways
Map Summary
Map center
Latitude:
Longitude:

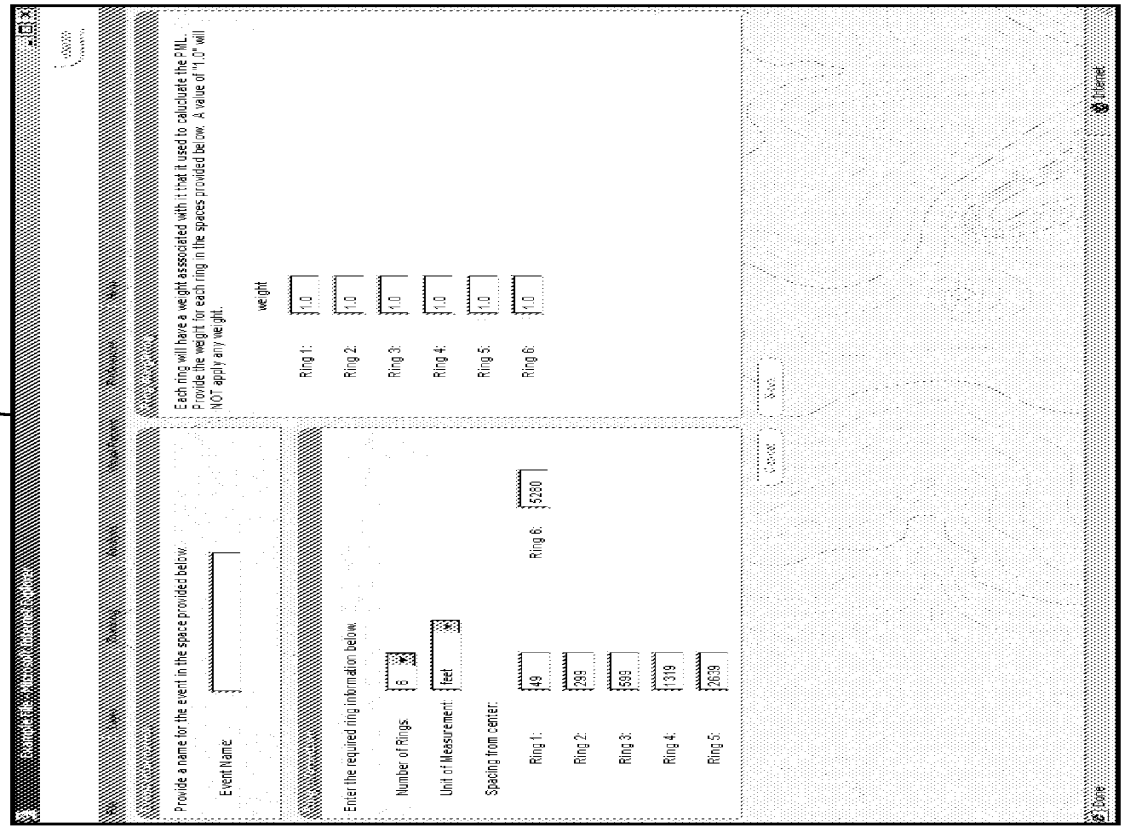

9400
Provide a name for the event in the space provided below.
Event Name:
Each ring will have a weight associated with it that it used to calculate the PNL. Provide the weight for each ring in the spaces provided below. A value of "1.0" will NOT apply any weight.
weight
Ring 1: 1.0
Ring 2: 1.0
Ring 3: 1.0
Ring 4: 1.0
Ring 5: 1.0
Ring 6: 1.0
Enter the required ring information below.
Number of Rings: 6
Unit of Measurement: Feet
Spacing from center:
Ring 1: 149
Ring 2: 299
Ring 3: 599
Ring 4: 1319
Ring 5: 2639
Ring 6: 5280
Internet

FIG. 94

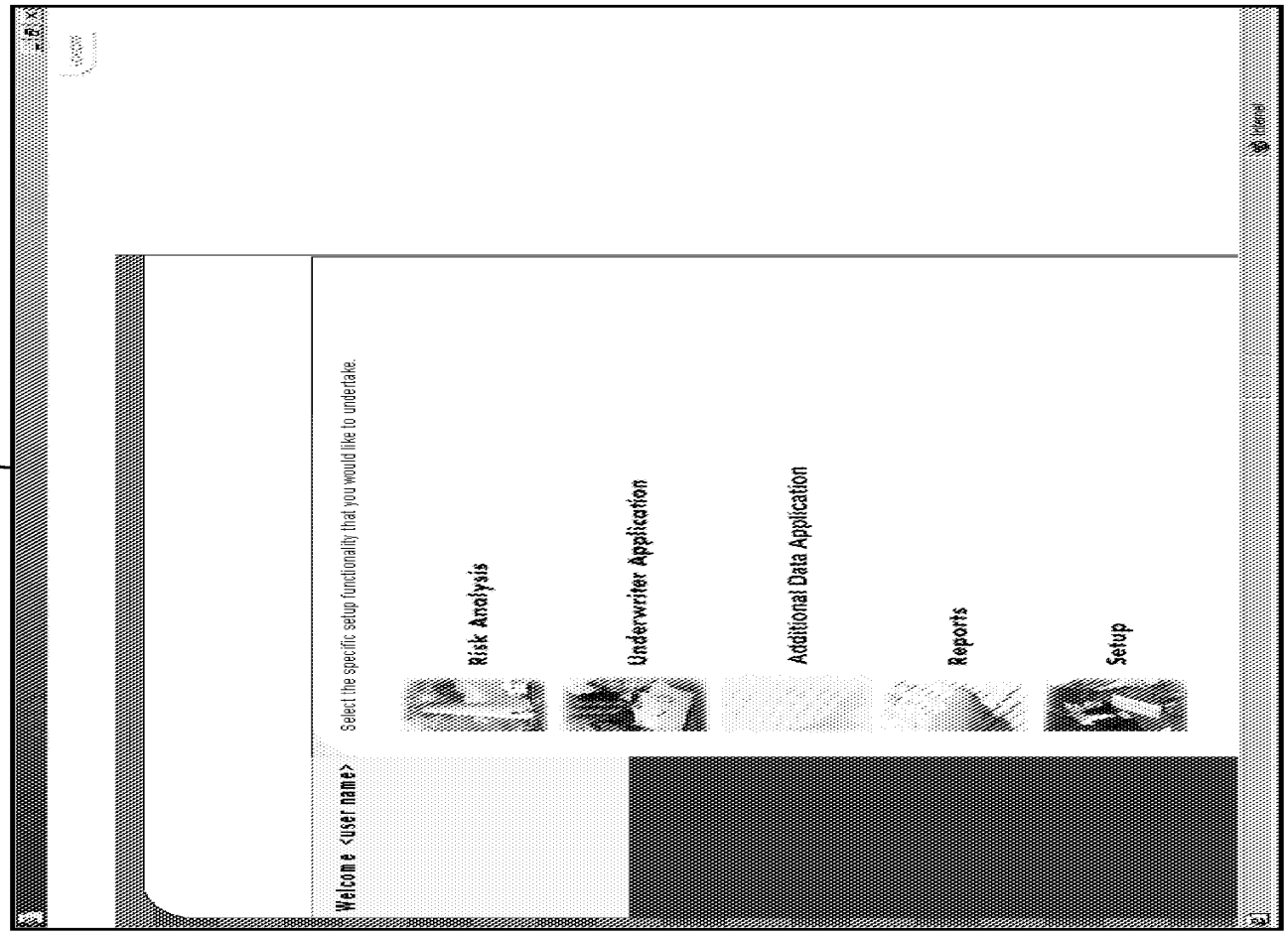

9500
Welcome <user name>
Select the specific setup functionality that you would like to undertake.
Risk Analysis
Underwriter Application
Additional Data Application
Reports
Setup

FIG. 95

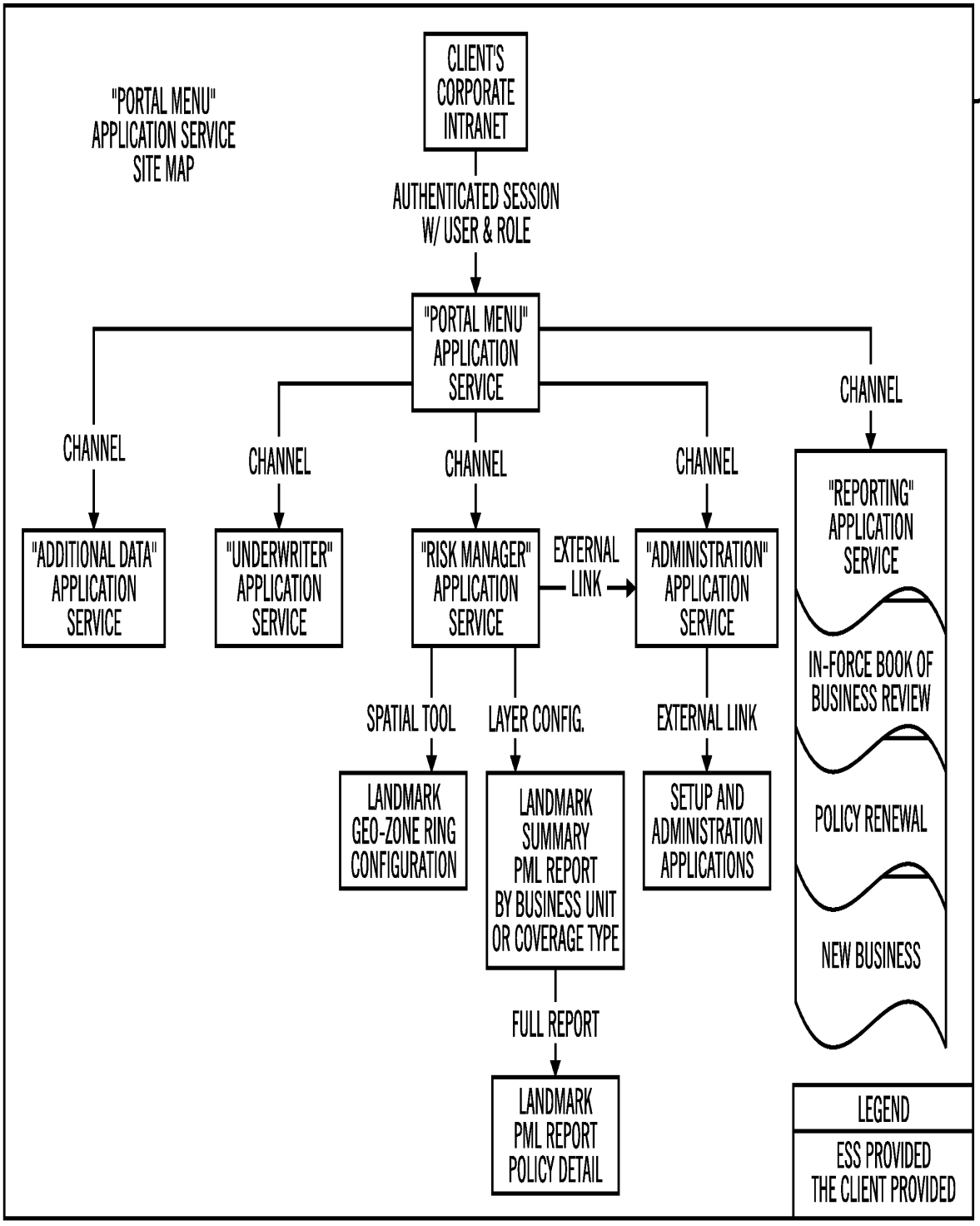

"PORTAL MENU" APPLICATION SERVICE SITE MAP
CLIENT'S CORPORATE INTRANET
9600
AUTHENTICATED SESSION W/ USER & ROLE
"PORTAL MENU" APPLICATION SERVICE
CHANNEL
CHANNEL
CHANNEL
CHANNEL
CHANNEL
"ADDITIONAL DATA" APPLICATION SERVICE
"UNDERWRITER" APPLICATION SERVICE
"RISK MANAGER" APPLICATION SERVICE
EXTERNAL LINK
"ADMINISTRATION" APPLICATION SERVICE
"REPORTING" APPLICATION SERVICE
IN-FORCE BOOK OF BUSINESS REVIEW
POLICY RENEWAL
NEW BUSINESS
SPATIAL TOOL
LAYER CONFIG.
EXTERNAL LINK
LANDMARK GEO-ZONE RING CONFIGURATION
LANDMARK SUMMARY PML REPORT BY BUSINESS UNIT OR COVERAGE TYPE
SETUP AND ADMINISTRATION APPLICATIONS
FULL REPORT
LANDMARK PML REPORT POLICY DETAIL
LEGEND
ESS PROVIDED
THE CLIENT PROVIDED

FIG. 96

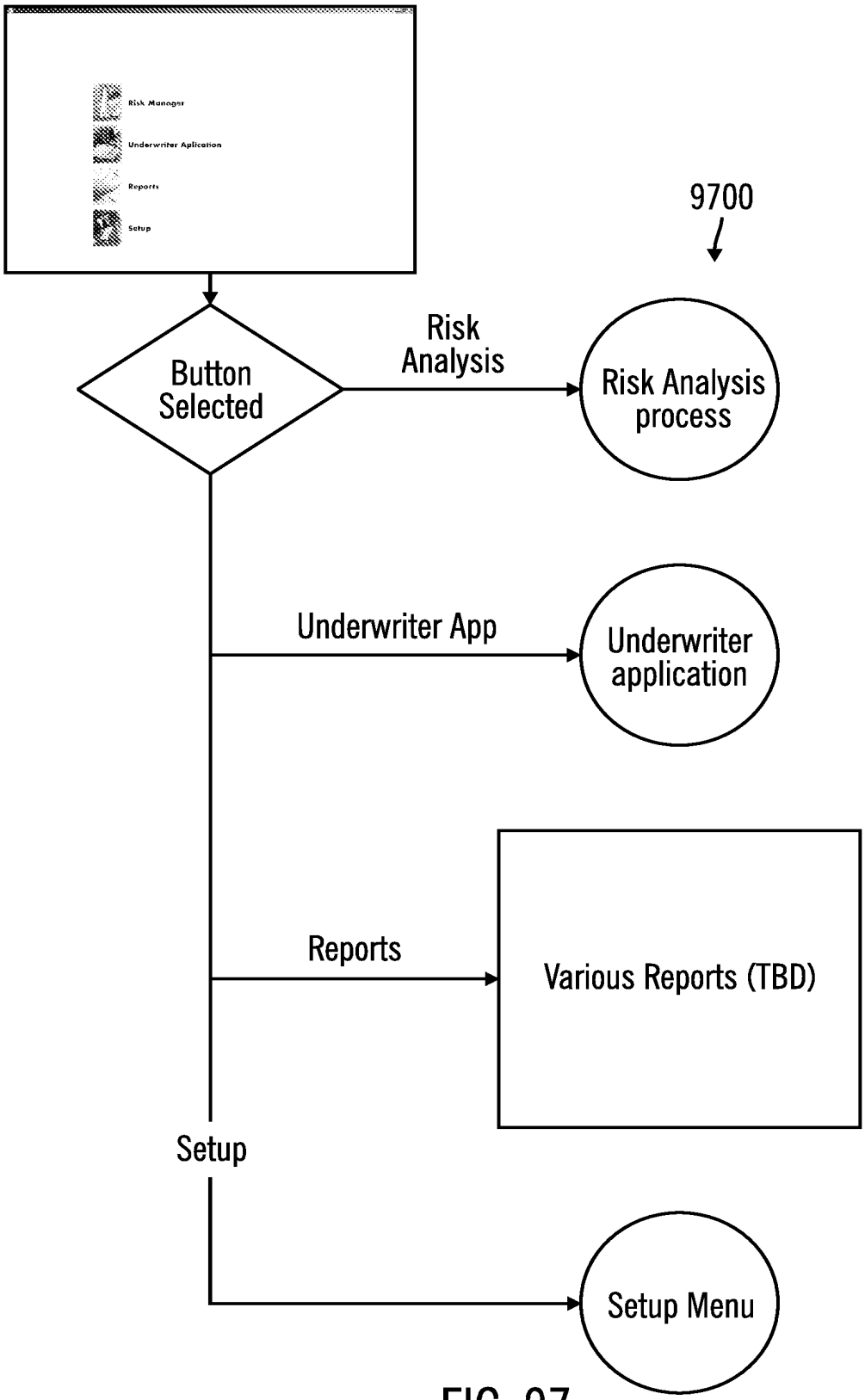

Risk Manager
Underwriter Aplication
Reports
Setup
9700
Button Selected
Risk Analysis
Risk Analysis process
Underwriter App
Underwriter application
Reports
Various Reports (TBD)
Setup
Setup Menu

FIG. 97

FIG. 98


9800
Search By:
City
City:
Image Type:
Elevation Map
Click or drag to zoom in
Corporate Data
Policy Holders
High Risk Landmarks
District Boundaries
Underwriter Locations
Competitor Locations
Boundaries
Major Waterbodies
States
Counties
Watershed Boundaries (LA)
Demographics
Cities
Infrastructure
Pipeline Facilities
Transportation
Interstates/Highways
Toronto
Rochester
Buffalo
Syracuse
Albany
Erie
Hartford
Bridgeport
New York
Pittsburgh
Philadelphia
Baltimore
Washington D.C.
Richmond
Map Summary
Area of map: 20294.94 sq mi
Map center:
Latitude: 34.83642°N
Longitude: 83.13869°W
Legend
Reduction in PML exposure 00-02
-15+%
-9% to -14%
less than 9% reduction
Done
Internet

FIG. 99


9900
File Edit View Favorites Tools Help
Stop Refresh Home Search Favorites History Mail Print
Address
Go Links
Search by:
City:
Image Type:
Boundaries
Major Waterbodies
States
Counties
Watershed Boundaries (LA)
Reports
Total PML
Total PML Change - 4 Year
Total PML vs. Total CAP
Click or drag to zoom in
Map Summary
Analysis Summary
Total PML
For the Year: 2002
>$10m
-$10m - $10m
<-$10m
Total PML Change - 4 Year
For the Years: 1998 - 2002
>10%
5 - 10%
-5 - 5 %
-5% - -10%
No record (new accounts)
Total PML vs. Total CAP
For the Year: 2002
>10%
-10 - 10%
<-10 %
Internet

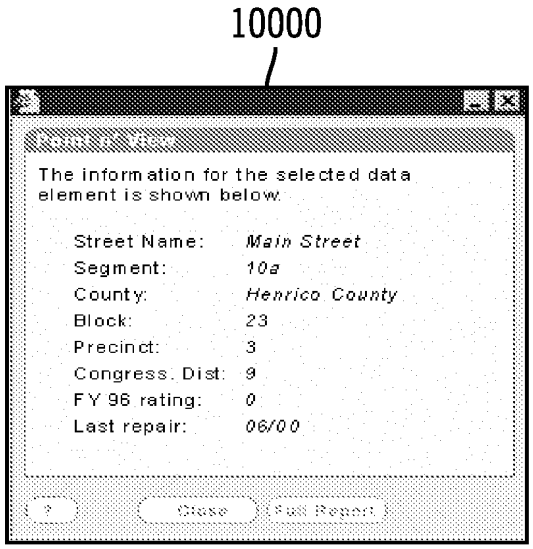

10000
The information for the selected data element is shown below.
Street Name: Main Street
Segment: 10a
County: Henrico County
Block: 23
Precinct: 3
Congress. Dist: 9
FY 96 rating: 0
Last repair: 06/00
?
Close
Full Report

FIG. 100

10100

Hide Query options

To run a Boolean Query against the tabular data, provide the requested information below.

| Data Element | Operator | Value |
|---|---|---|
| Length | > | 2 miles |
| Last Repair Date | > | 1999 |

(•) and ( ) or

Run Query | Clear Query

| | blk | bra_nsa | brapl_d | per97 | prec | res_d | trash_d | us_congr_dist | ward | wpb | fy95_ratir |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 70 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-70 | 5 |
| 2 | 65 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-65 | 0 |
| 3 | 110 | DOWNTOWN/CENTRAL/WEST END | CENTRAL | 0.00000 | 6 | 2001B | 1B | 9 | 3 | 3-6-110 | 0 |
| 4 | 10 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-10 | 0 |
| 5 | 85 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 3 | 0301B | 1B | 9 | 3 | 3-3-85 | 0 |
| 6 | 60 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-60 | 0 |
| 7 | 15 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-15 | 5 |
| 8 | 90 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 3 | 0301B | 1B | 9 | 3 | 3-3-90 | 5 |
| 9 | 75 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-75 | 5 |
| 10 | 55 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-55 | 5 |
| 11 | 20 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-20 | 0 |
| 12 | 50 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 3 | 0301B | 1B | 9 | 3 | 3-3-50 | 0 |
| 13 | 55 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 3 | 0301B | 1B | 9 | 3 | 3-3-55 | 0 |
| 14 | 65 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 3 | 0301B | 1B | 9 | 3 | 3-3-65 | 0 |
| 15 | 45 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-45 | 5 |
| 16 | 40 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-40 | 5 |
| 17 | 60 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 3 | 0301B | 1B | 9 | 3 | 3-3-60 | 0 |
| 18 | 25 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-25 | 5 |
| 19 | 50 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-50 | 0 |
| 20 | 30 | NORTH END/WATERFRONT | CENTRAL | 0.00000 | 4 | 0301B | 1B | 9 | 3 | 3-4-30 | 5 |

Print | Export | Close

Internet

FIG. 101

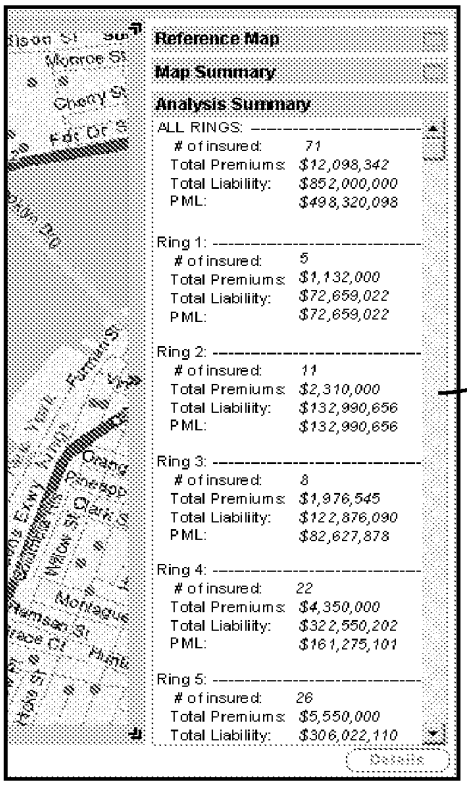

Reference Map
Map Summary
Analysis Summary
ALL RINGS:
# of insured: 71
Total Premiums: $12,098,342
Total Liability: $852,000,000
PML: $498,320,098
Ring 1:
# of insured: 5
Total Premiums: $1,132,000
Total Liability: $72,659,022
PML: $72,659,022
Ring 2:
# of insured: 11
Total Premiums: $2,310,000
Total Liability: $132,990,656
PML: $132,990,656
Ring 3:
# of insured: 8
Total Premiums: $1,976,545
Total Liability: $122,876,090
PML: $82,627,878
Ring 4:
# of insured: 22
Total Premiums: $4,350,000
Total Liability: $322,550,202
PML: $161,275,101
Ring 5:
# of insured: 26
Total Premiums: $5,550,000
Total Liability: $306,022,110
Details
Monroe St
Cherry St
Fair Dr S
Grand
Pineapp
Main St
Clark S
Nelson St
Montague
Ramsey St
Pine
Hyde St
10200

FIG. 102

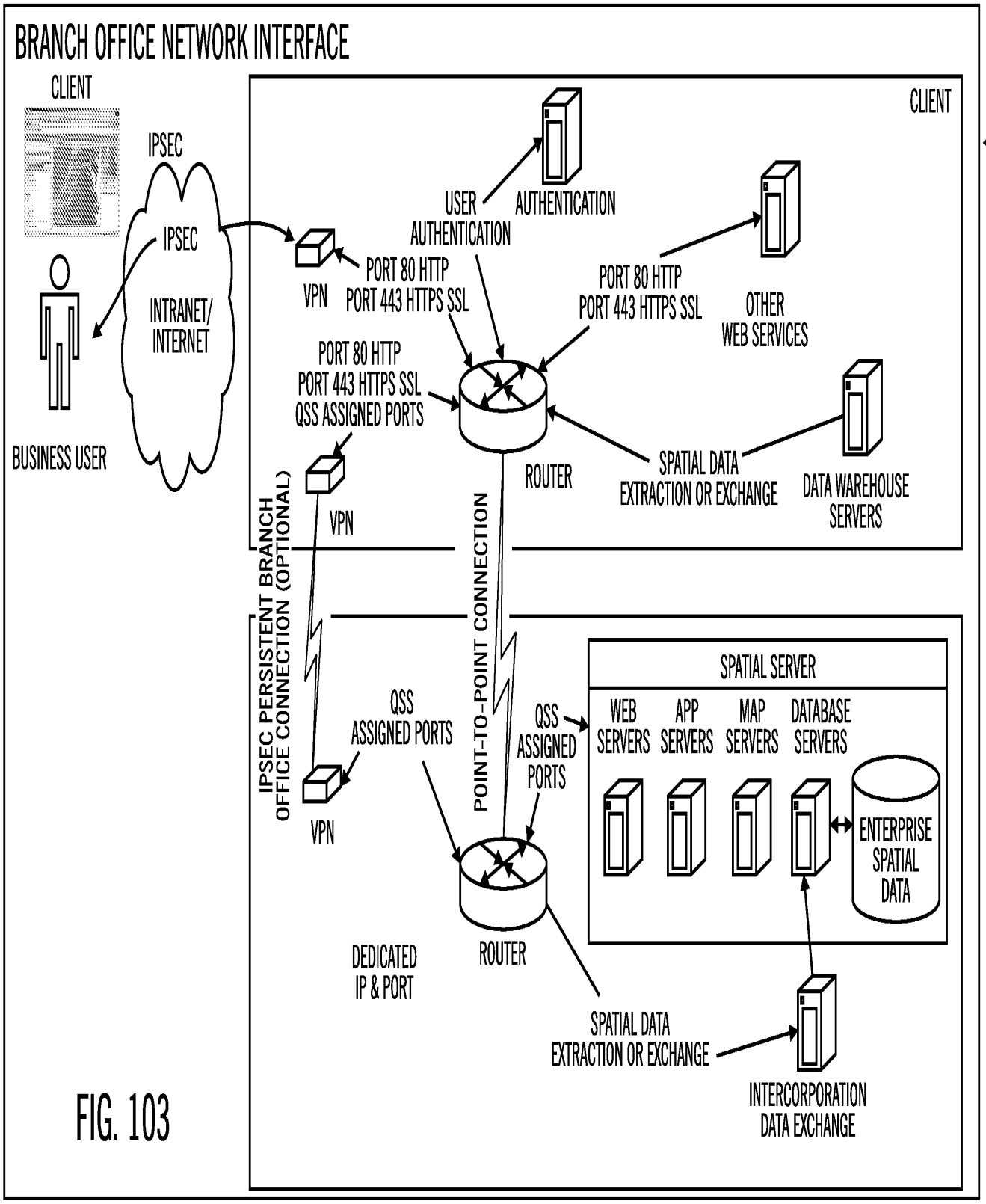



FIG. 103

110/187

Q-02-02B

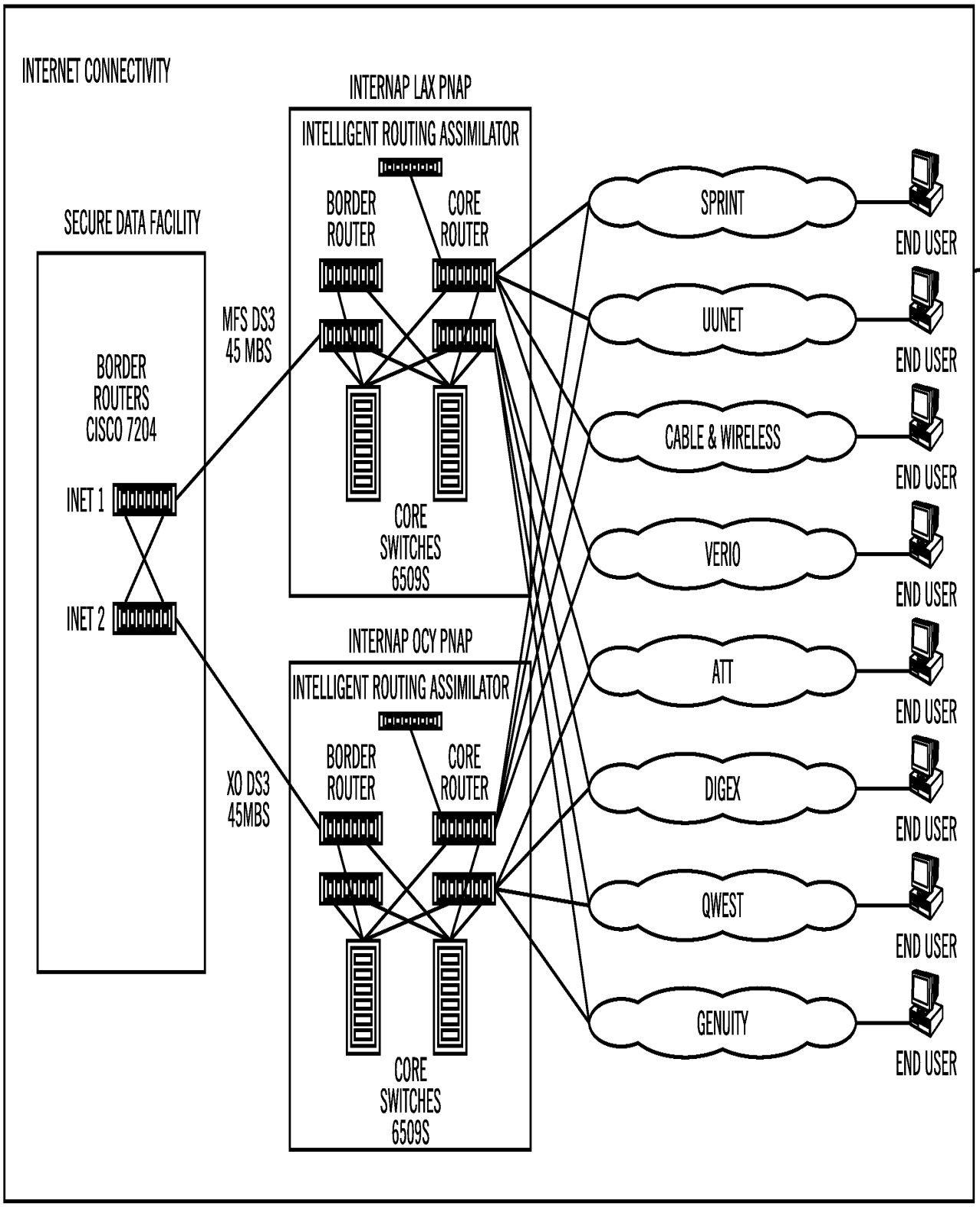

INTERNET CONNECTIVITY
INTERNAP LAX PNAP
INTELLIGENT ROUTING ASSIMILATOR
BORDER ROUTER
CORE ROUTER
SECURE DATA FACILITY
MFS DS3 45 MBS
BORDER ROUTERS CISCO 7204
INET 1
INET 2
CORE SWITCHES 6509S
INTERNAP OCY PNAP
INTELLIGENT ROUTING ASSIMILATOR
BORDER ROUTER
CORE ROUTER
XO DS3 45MBS
CORE SWITCHES 6509S
SPRINT
UUNET
CABLE & WIRELESS
VERIO
ATT
DIGEX
QWEST
GENUITY
END USER
10400

FIG. 104

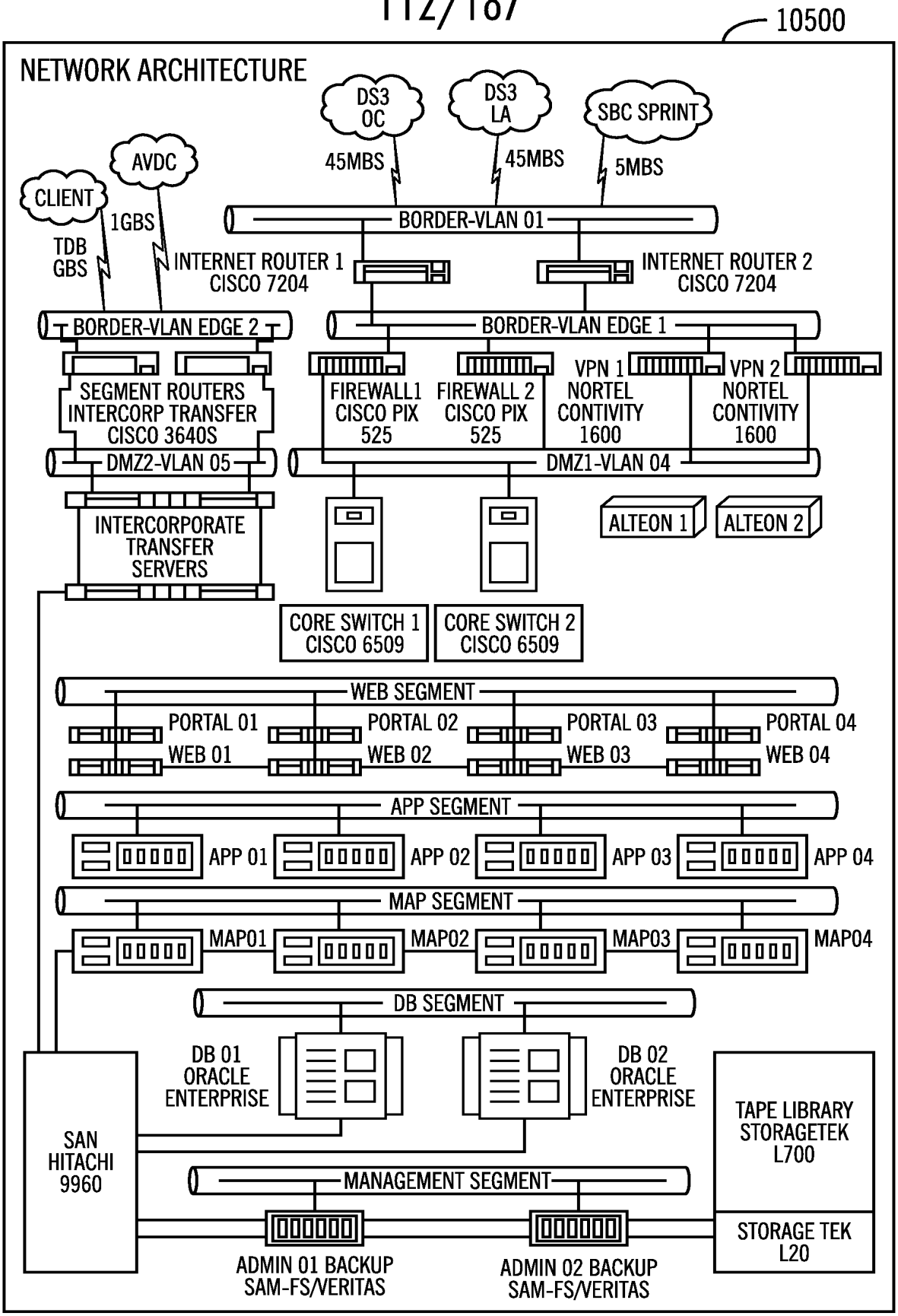

10500
NETWORK ARCHITECTURE
DS3 OC
DS3 LA
SBC SPRINT
45MBS
45MBS
5MBS
AVDC
CLIENT
1GBS
TDB GBS
BORDER-VLAN 01
INTERNET ROUTER 1 CISCO 7204
INTERNET ROUTER 2 CISCO 7204
BORDER-VLAN EDGE 2
BORDER-VLAN EDGE 1
SEGMENT ROUTERS INTERCORP TRANSFER CISCO 3640S
FIREWALL1 CISCO PIX 525
FIREWALL 2 CISCO PIX 525
VPN 1 NORTEL CONTIVITY 1600
VPN 2 NORTEL CONTIVITY 1600
DMZ2-VLAN 05
DMZ1-VLAN 04
INTERCORPORATE TRANSFER SERVERS
ALTEON 1
ALTEON 2
CORE SWITCH 1 CISCO 6509
CORE SWITCH 2 CISCO 6509
WEB SEGMENT
PORTAL 01
PORTAL 02
PORTAL 03
PORTAL 04
WEB 01
WEB 02
WEB 03
WEB 04
APP SEGMENT
APP 01
APP 02
APP 03
APP 04
MAP SEGMENT
MAP01
MAP02
MAP03
MAP04
DB SEGMENT
DB 01 ORACLE ENTERPRISE
DB 02 ORACLE ENTERPRISE
SAN HITACHI 9960
TAPE LIBRARY STORAGETEK L700
MANAGEMENT SEGMENT
STORAGE TEK L20
ADMIN 01 BACKUP SAM-FS/VERITAS
ADMIN 02 BACKUP SAM-FS/VERITAS

FIG. 105

10600

| application services | usage restriction type | Maximum Concurrent users | Maximum Named users |
|---|---|---|---|
| "Risk Manager" | Named | 10 | 10 |
| "Administrator" | Named | 5 | 5 |
| "Reporting" | Concurrent | 25 | 1500 |
| "Underwriter" | Concurrent | 200 | 1500 |

FIG. 106

10700

| application services | Logical Roles | | |
|---|---|---|---|
| | Corporate | Management | Underwriter |
| "Risk Manager" | X | X | - |
| "Administrator" | X* | - | - |
| "Reporting" | X | X | - |
| "Underwriter" | X | X | X |

FIG. 107

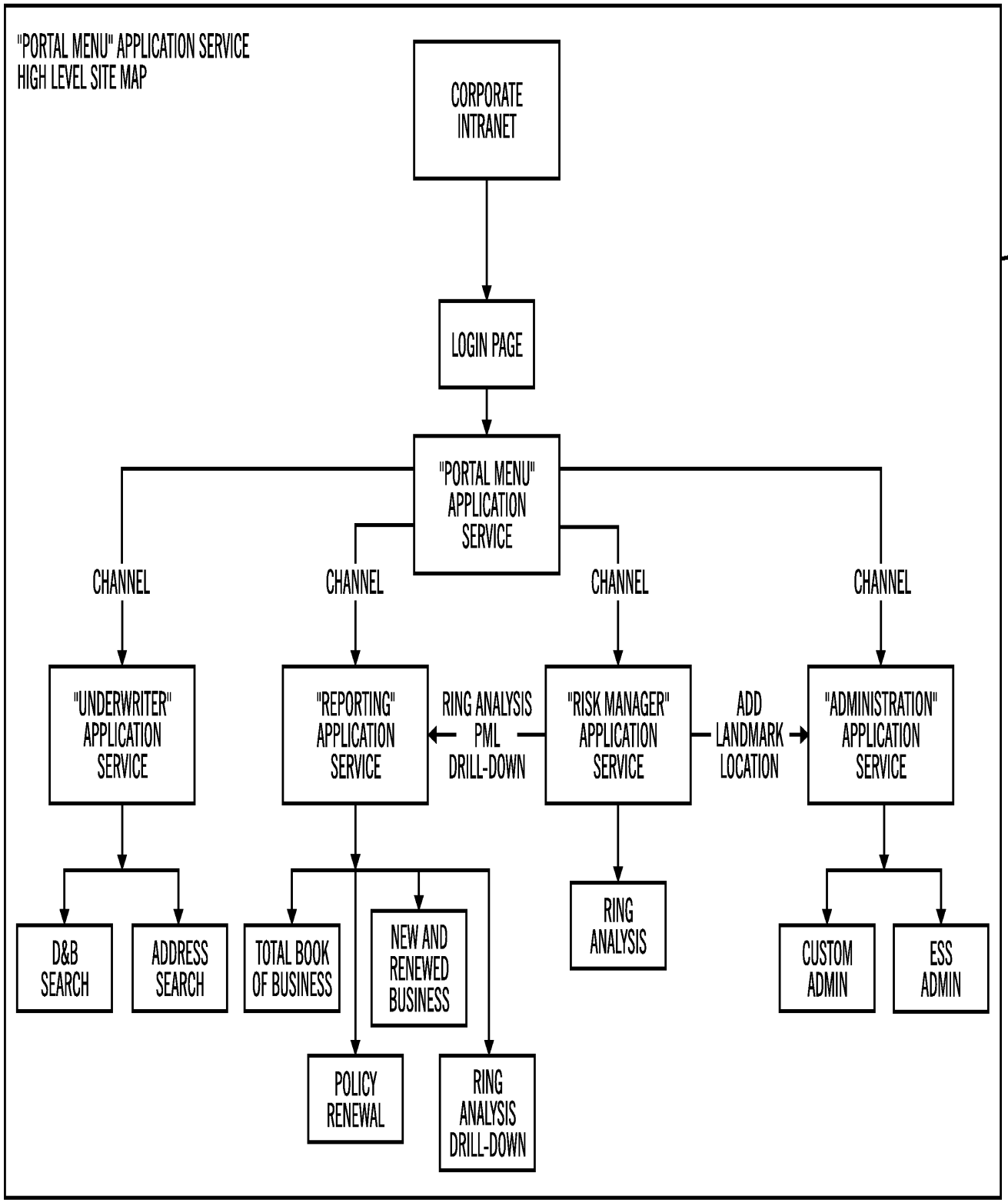

"PORTAL MENU" APPLICATION SERVICE
HIGH LEVEL SITE MAP
CORPORATE INTRANET
LOGIN PAGE
"PORTAL MENU" APPLICATION SERVICE
CHANNEL
CHANNEL
CHANNEL
CHANNEL
"UNDERWRITER" APPLICATION SERVICE
"REPORTING" APPLICATION SERVICE
RING ANALYSIS PML DRILL-DOWN
"RISK MANAGER" APPLICATION SERVICE
ADD LANDMARK LOCATION
"ADMINISTRATION" APPLICATION SERVICE
D&B SEARCH
ADDRESS SEARCH
TOTAL BOOK OF BUSINESS
NEW AND RENEWED BUSINESS
POLICY RENEWAL
RING ANALYSIS DRILL-DOWN
RING ANALYSIS
CUSTOM ADMIN
ESS ADMIN
10800

FIG. 108

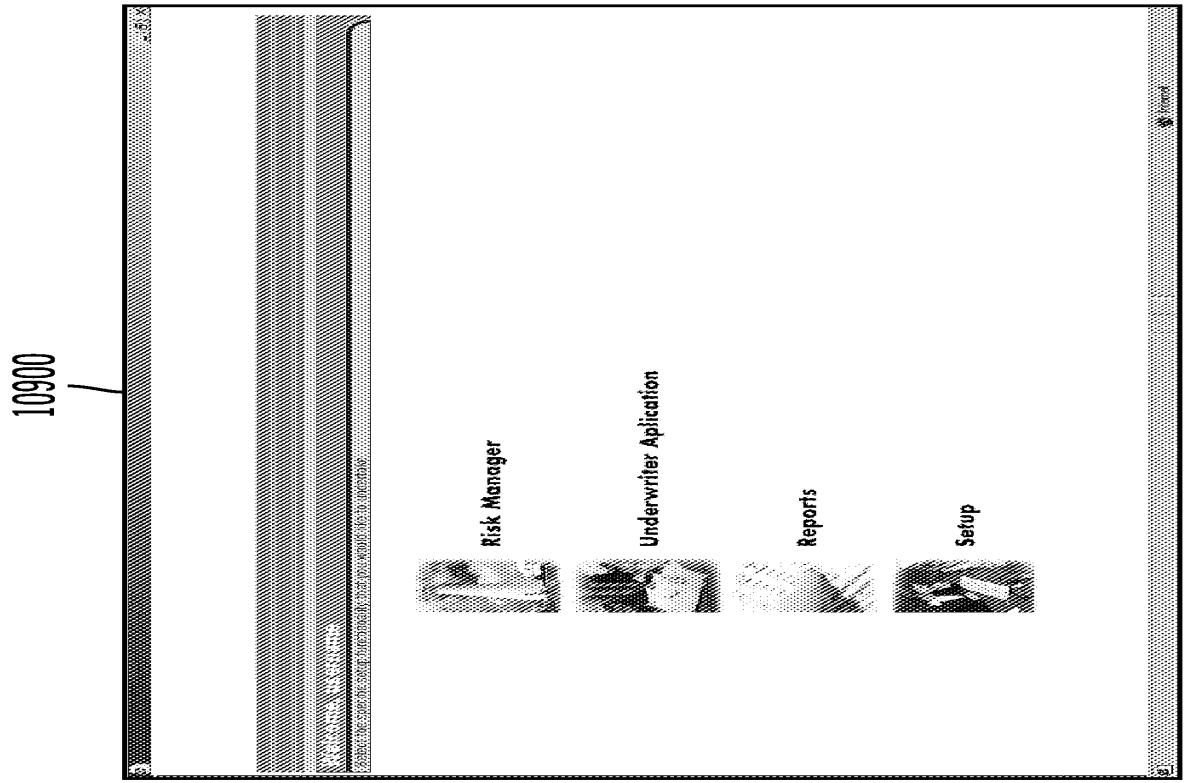



FIG. 109

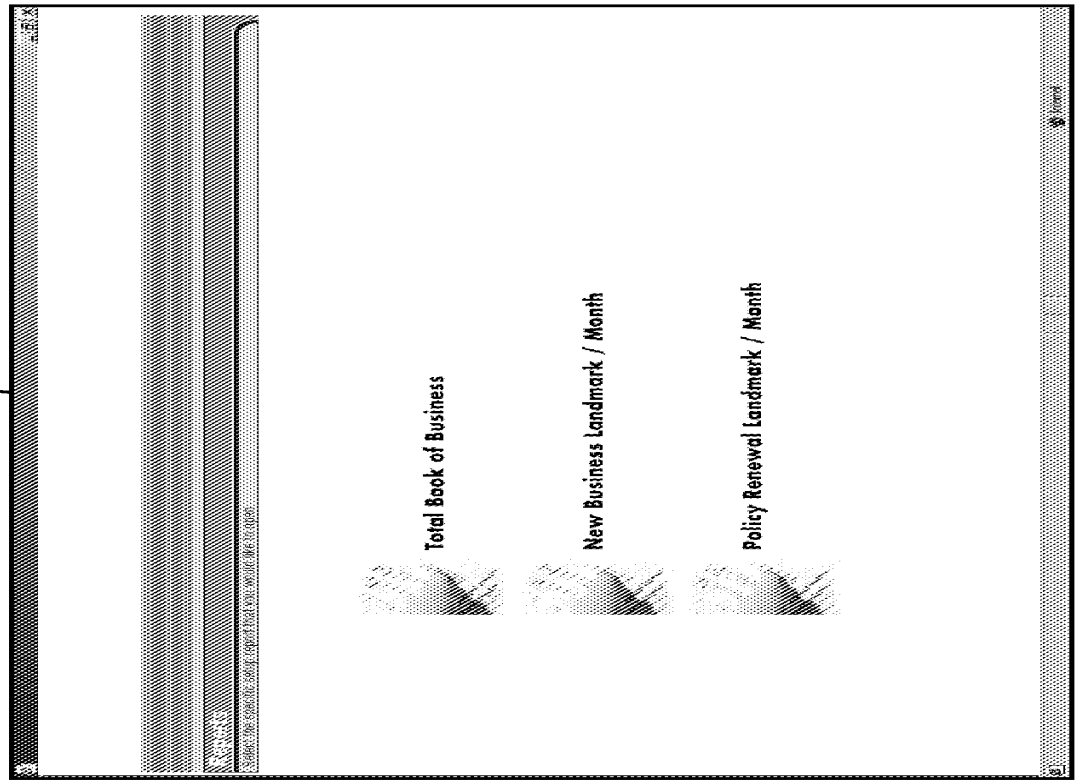

11000
Total Book of Business
New Business Landmark / Month
Policy Renewal Landmark / Month

FIG. 110

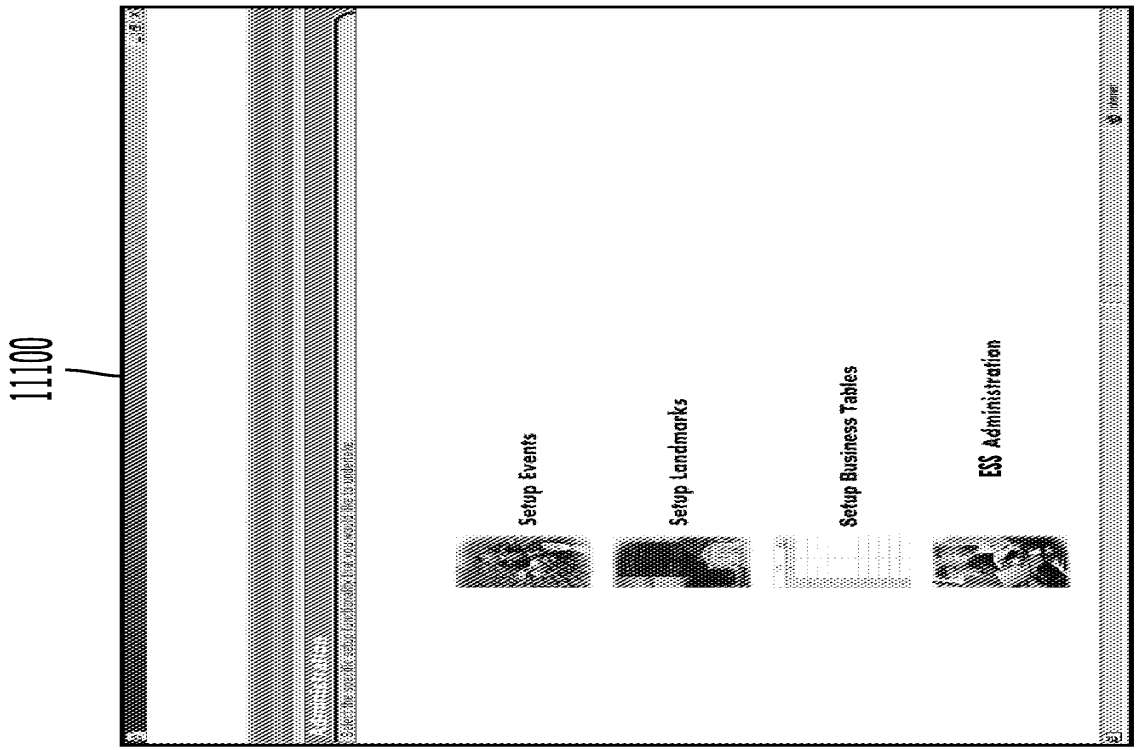

11100
Setup Events
Setup Landmarks
Setup Business Tables
ESS Administration

FIG. 111

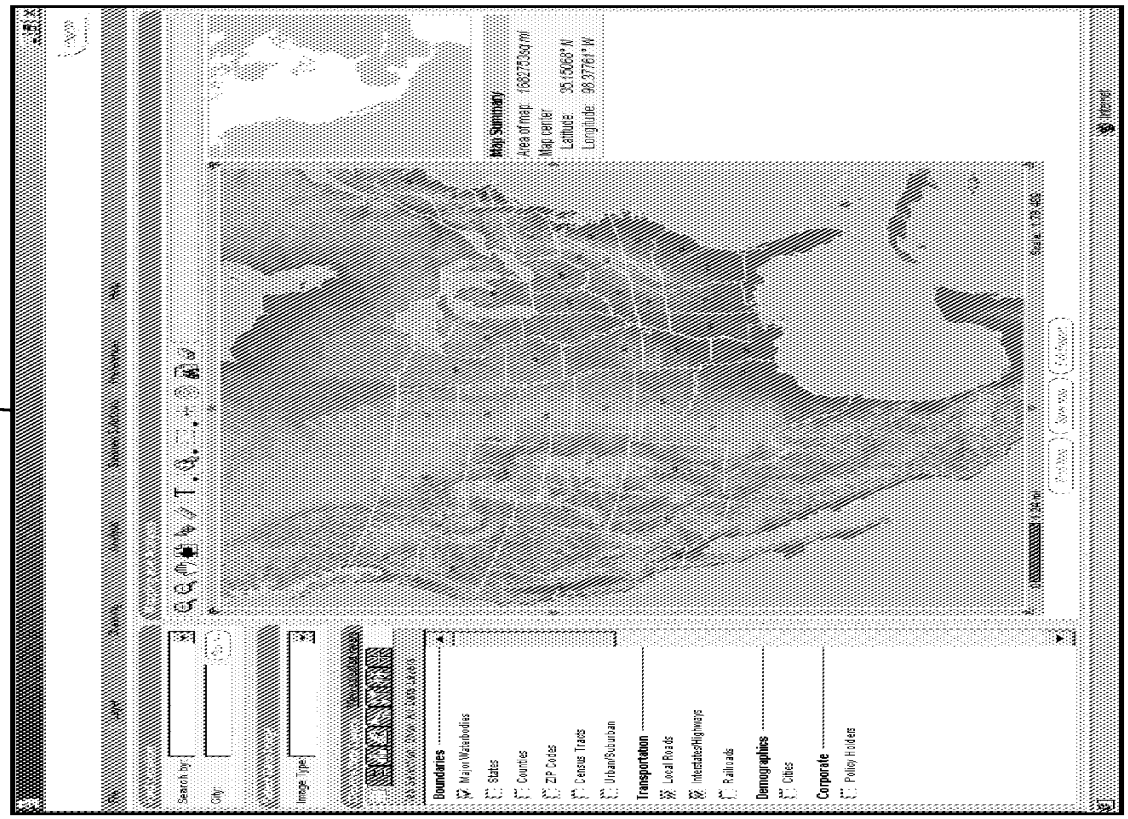

11200
Search by:
City:
Image Type:
Boundaries
Major Waterbodies
States
Counties
ZIP Codes
Census Tracts
Urban/Suburban
Transportation
Local Roads
Interstate/Highways
Railroads
Demographics
Cities
Corporate
Police Holdings
Map Summary
Area of map:
Map center
Latitude:
Longitude:

FIG. 112

11300

| Group | Logical Layer Name | Physical Layer |
|---|---|---|
| Corporate | landmark Locations | database landmark_location_view table where policy_batch_num = <current> Viewable at all Zoom Scales |
| | policy locations (Aug '02) | database policy_location_view table where policy_batch_num = <Aug '02 batch #> (See DB section for role based filters) Viewable at or below 1:25000 Zoom Scale |
| | policy locations (Nov '01) | database policy_location_view table where policy_batch_num = <Nov '01 batch #> (See DB section for role based filters) Viewable at or below 1:25000 Zoom Scale |
| | policy locations (Gold) | database policy_location_view table where policy_batch_num = <Gold batch #> (See DB section for role based filters) Viewable at or below 1:25000 Zoom Scale |
| Boundaries | Counties | Standard |
| | States | Standard |
| | Oceans & Lakes | Standard |
| | ZIP/Postal codes | Standard |
| | Urban/Suburban | Standard |
| Transportation | Roads | Standard |
| | /Highways | Standard |
| | Railroads | Standard |
| Points of Interest | Cities | Standard |
| Imagery | Elevation | Standard |
| | Color Imagery (DOQQ) | enterprise spatial system Premium |
| | DRG | enterprise spatial system Premium |

FIG. 113

| # | Point-n-View Name | user Friendly Name | Database Field |
|---|---|---|---|
| 1 | landmark Name | landmark Name | landmark_location_view.LANDMARK_NM |
| 2 | Address | Street Address | landmark_location_view.STREET_ADDR |
| | | City | landmark_location_view.CITY_NM |
| | | State | landmark_location_view.STATE_ABBR |
| | | Zip code | landmark_location_view.ZIP_CD |
| | | Zip code + 4 | landmark_location_view.ZIP_PLUS4_CD |
| 3 | landmark rating | landmark rating Number | landmark_location_view.PML_RATING_NUM |
| | | landmark rating code | landmark_location_view.PML_RATING_GROUP_CD |

11400

FIG. 114

11500

| # | Point-n-View Name | user Friendly Name | Database Field |
|---|---|---|---|
| 1 | Business Unit | Business Unit | policy_location_view.BUSINESS_UNIT_ID |
| 2 | policy # | RO | policy_location_view.REGIONAL_OFFICE_CD |
| | | Symbol | policy_location_view.SYMBOL_CD |
| | | Number | policy_location_view.POLICY_NUM |
| 3 | Named Insured | Named Insured | policy_location_view.NAMED_INSURED_NM |
| 4 | Address | Street Address 1 | policy_location_view.STREET_ADDR1_TXT |
| | | Street Address 2 | policy_location_view.STREET_ADDR2_TXT |
| | | City | policy_location_view.CITY_NM |
| | | State | policy_location_view.STATE_ABBR |
| | | Zip Code | policy_location_view.ZIP_CD |
| | | Zip Code + 4 | policy_location_view.ZIP_PLUS4_CD |
| 5 | Highest landmark rating | Highest landmark rating Number | policy_location_view.HIGH_LM_PML_RATING_NUM |
| | | Highest landmark rating code | policy_location_view.HIGH_LM_PML_RATING_GROUP_CD |
| 6 | Effective Date | Effective Date | policy_location_view.EFFECTIVE_DT |
| 7 | Expiration Date | Expiration Date | policy_location_view.EXPIRATION_DT |
| 8 | Certificate Number | Certificate Number | policy_location_view.CERT_NUM |
| 9 | Producer | Producer code | policy_location_view.PRODUCER_CD |
| | | Producer | policy_location_view.PRODUCER_NM |

FIG. 115

11600

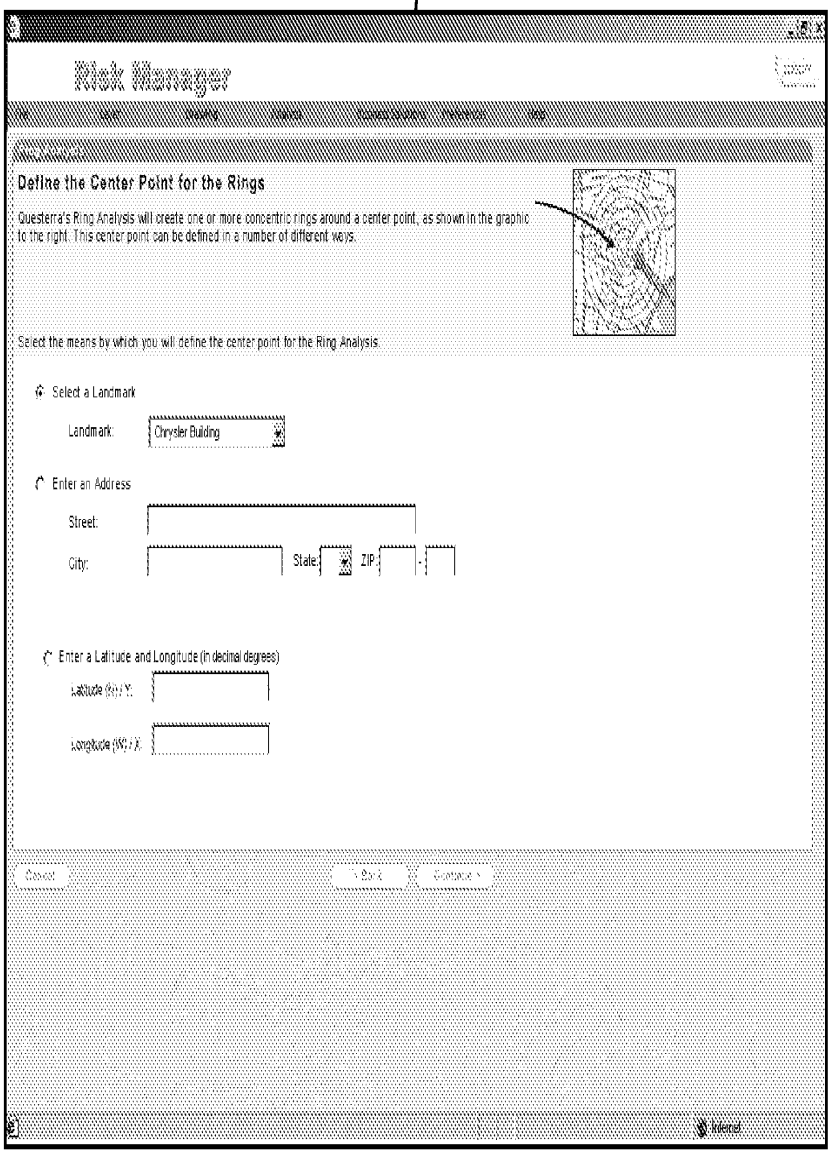



FIG. 116

11700
Analysis Detail
Select the event type
Use rings to select
Ring Attributes
Number of Rings:
Unit of Measurement
Distance from Center:
Ring 1: 1Mi
Ring 2: 2Mi
Ring 3: 3Mi
Ring 4: 4000
Ring 5: 5440
Ring 6: 15200
Select Reference
Back
Next
Cancel

FIG. 117

11800
Analysis Detail
Select the event type
BUILDING COLLAPSE
Use map to select
Map Location
Ring Attributes
Number of Rings
List of Measurement
Distance from Center
Ring 1
Ring 2
Ring 3
Ring 4
Ring 5
Ring 6
Show Rings

FIG. 118

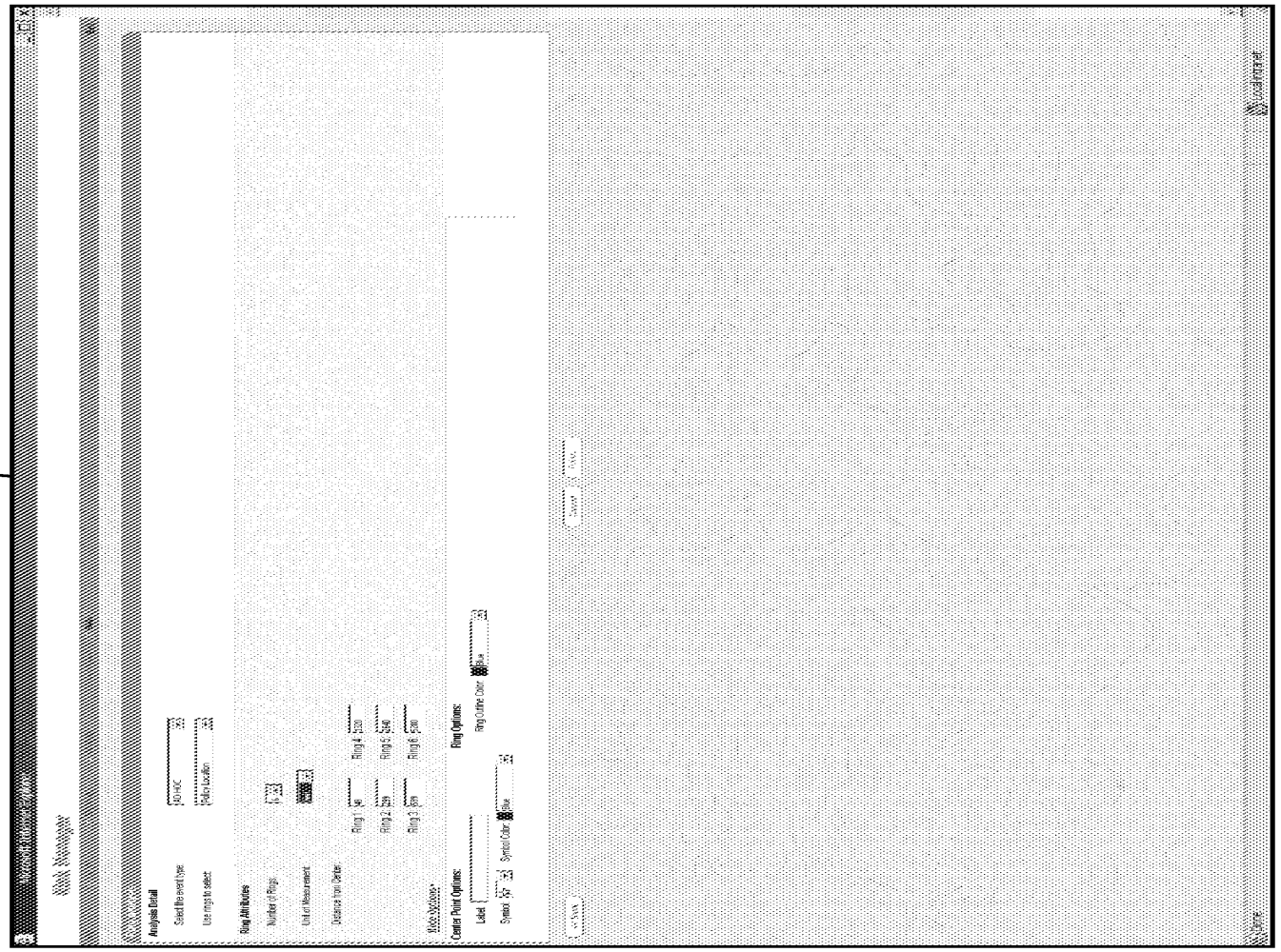

11900
Analysis Detail
Ring Attributes
Center Point Options:
Ring Options:

FIG. 119

12000

| # | Landmark Location | Ring Dimensions | Selected policy locations | PML Data |
|---|---|---|---|---|
| 1 | landmark Layer (Current) | total loss | Copied from Current Month's Batch Data | Copied from Current Month's Batch Data |
| 2 | landmark Layer (Historical - landmark Existed) | total loss | Copied from Historical Month's Batch Data | Copied from Historical Month's Batch Data |
| 3 | landmark Layer (Current) | ad hoc | Generated with using Ring Query on Current Month's Batch policy Data | Generated with Session PML Procedures |
| 4 | landmark Layer (Historical - landmark did not Exist) | total loss | Generated with using Ring Query on Historical Month's Batch policy Data | Generated with Session PML Procedures |
| 5 | landmark Layer (Historical) | ad hoc | Generated with using Ring Query on Historical Month's Batch policy Data | Generated with Session PML Procedures |
| 6 | ad hoc Selection | total loss | Generated with using Ring Query on any Month's Batch policy Data | Generated with Session PML Procedures |
| 7 | ad hoc Selection | ad hoc | Generated with using Ring Query on any Month's Batch policy Data | Generated with Session PML Procedures |

FIG. 120

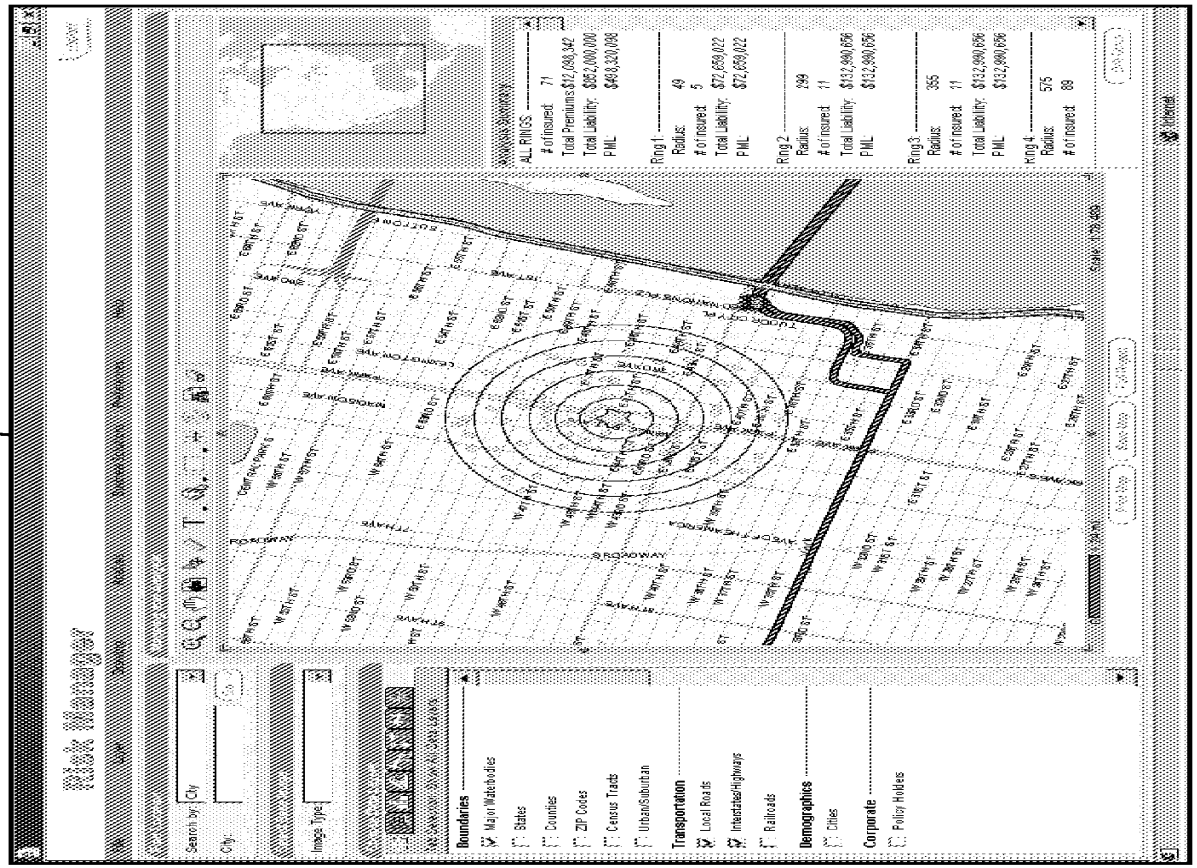

12100
Risk Manager
Search by
City
Image Type
Boundaries
Major Waterbodies
States
Counties
ZIP Codes
Census Tracts
Urban/Suburban
Transportation
Local Roads
Interstate/Highways
Railroads
Demographics
Cities
Corporate
Policy Holders
ALL RINGS
# of insured 71
Total Premiums $12,088,342
Total Liability $82,000,000
PML $468,320,000
Ring 1
Radius 49
# of insured 5
Total Liability $72,659,022
PML $72,659,022
Ring 2
Radius 299
# of insured 11
Total Liability $132,990,656
PML $132,990,656
Ring 3
Radius 365
# of insured 11
Total Liability $132,990,656
PML $132,990,656
Ring 4
Radius 575
# of insured 88

FIG. 121

12200

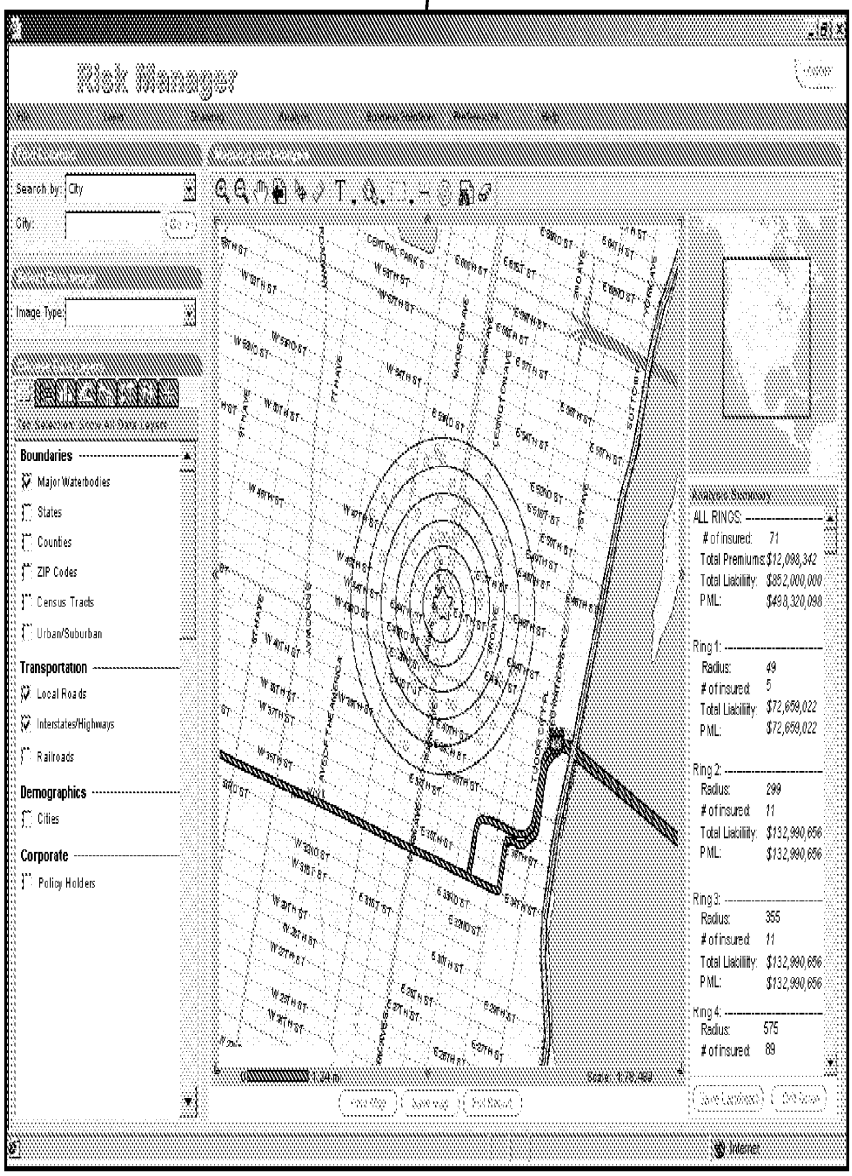



FIG. 122

12300

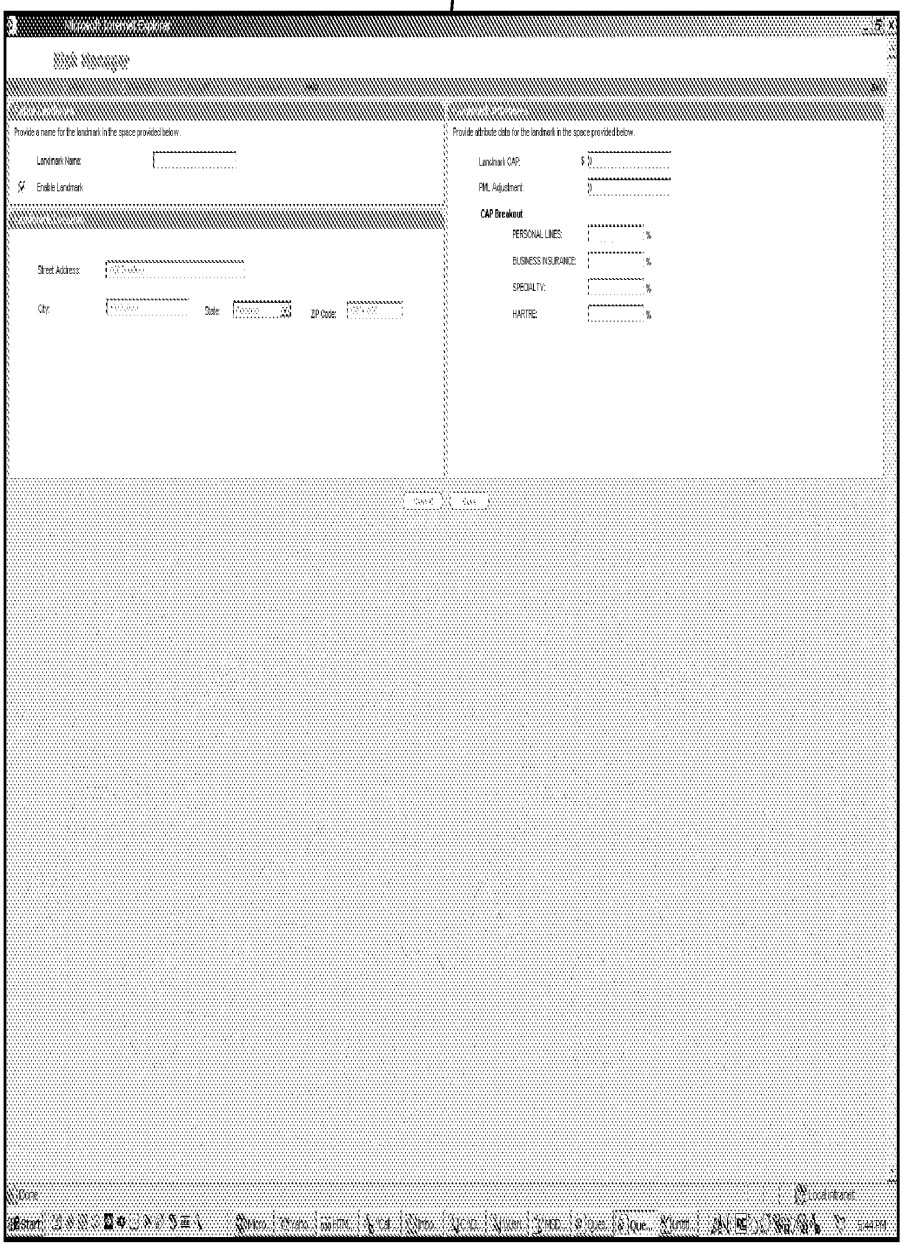



FIG. 123

12400

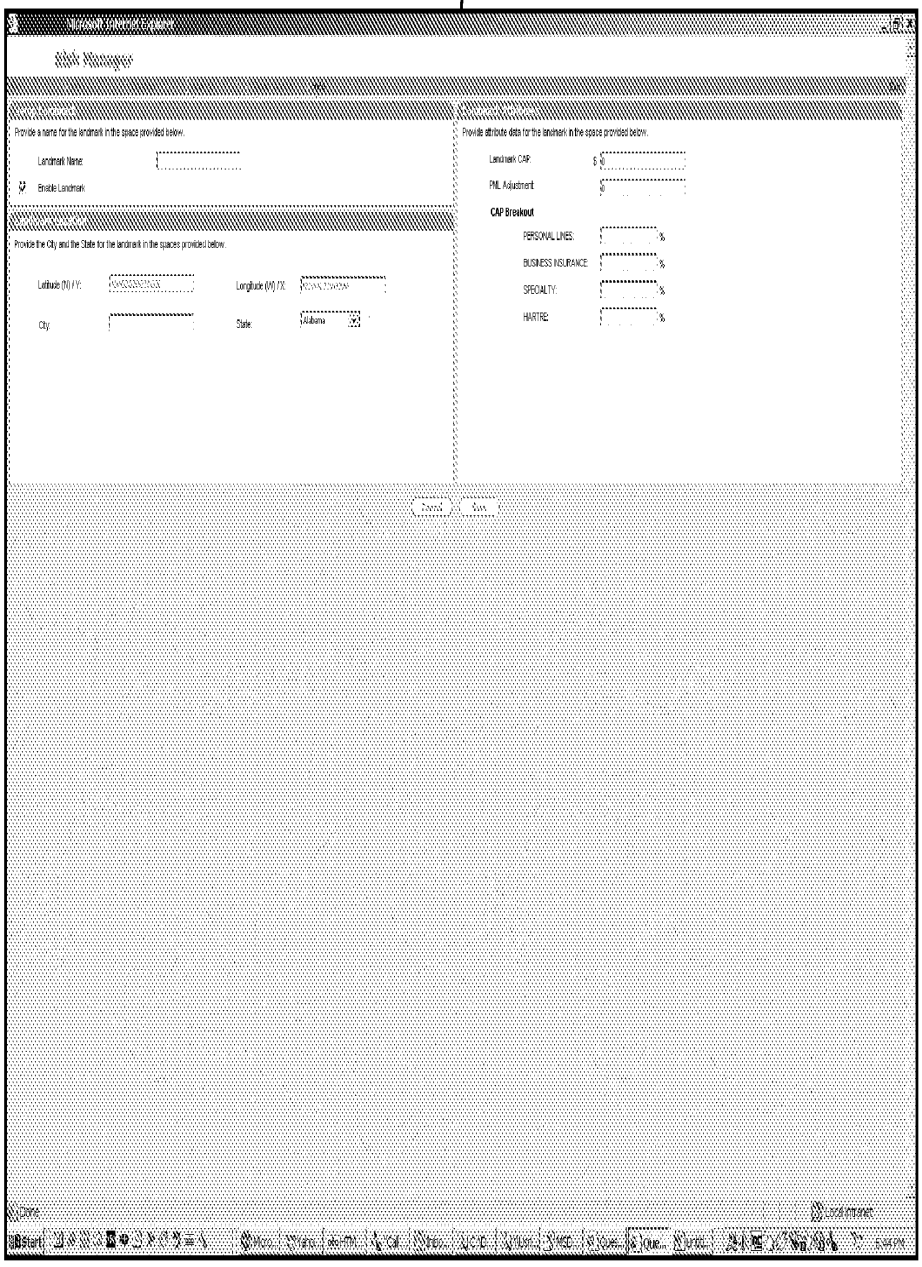



FIG. 124

| # | Description | Data |
|---|---|---|
| 1 | Ring Radius | Session based ring analysis records |
| 2 | Total # of Locations | Session based ring analysis records |
| 3 | Total Liability | Session based ring analysis records |
| 4 | Total PML | Session based ring analysis records |
| 5 | Total Premium | Session based ring analysis records |

12500

FIG. 125

| # | Description | Data |
|---|---|---|
| 1 | Ring Number | Session based ring analysis records |
| 2 | Ring Radius | Session based ring analysis records |
| 3 | Total # of Locations | Session based ring analysis records |
| 4 | Total Liability | Session based ring analysis records |
| 5 | Total PML | Session based ring analysis records |

12600

FIG. 126

12700

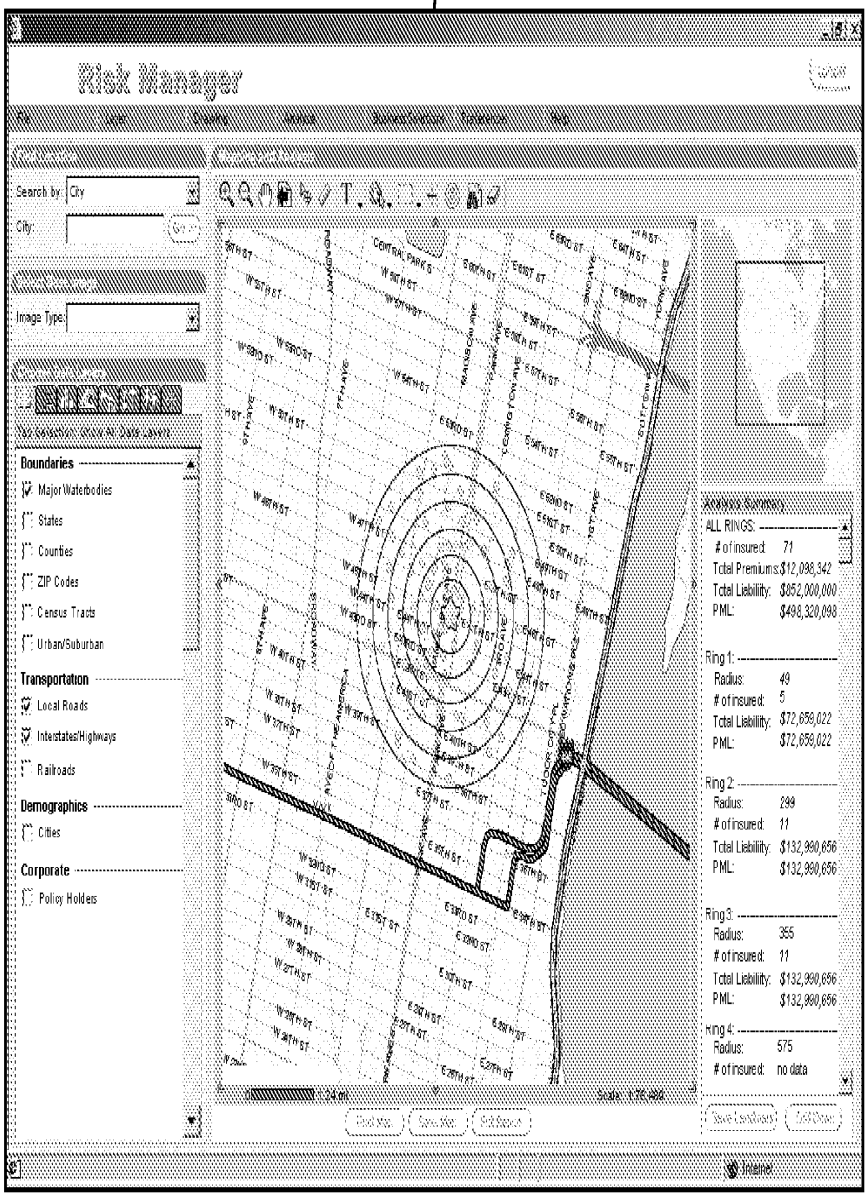



FIG. 127

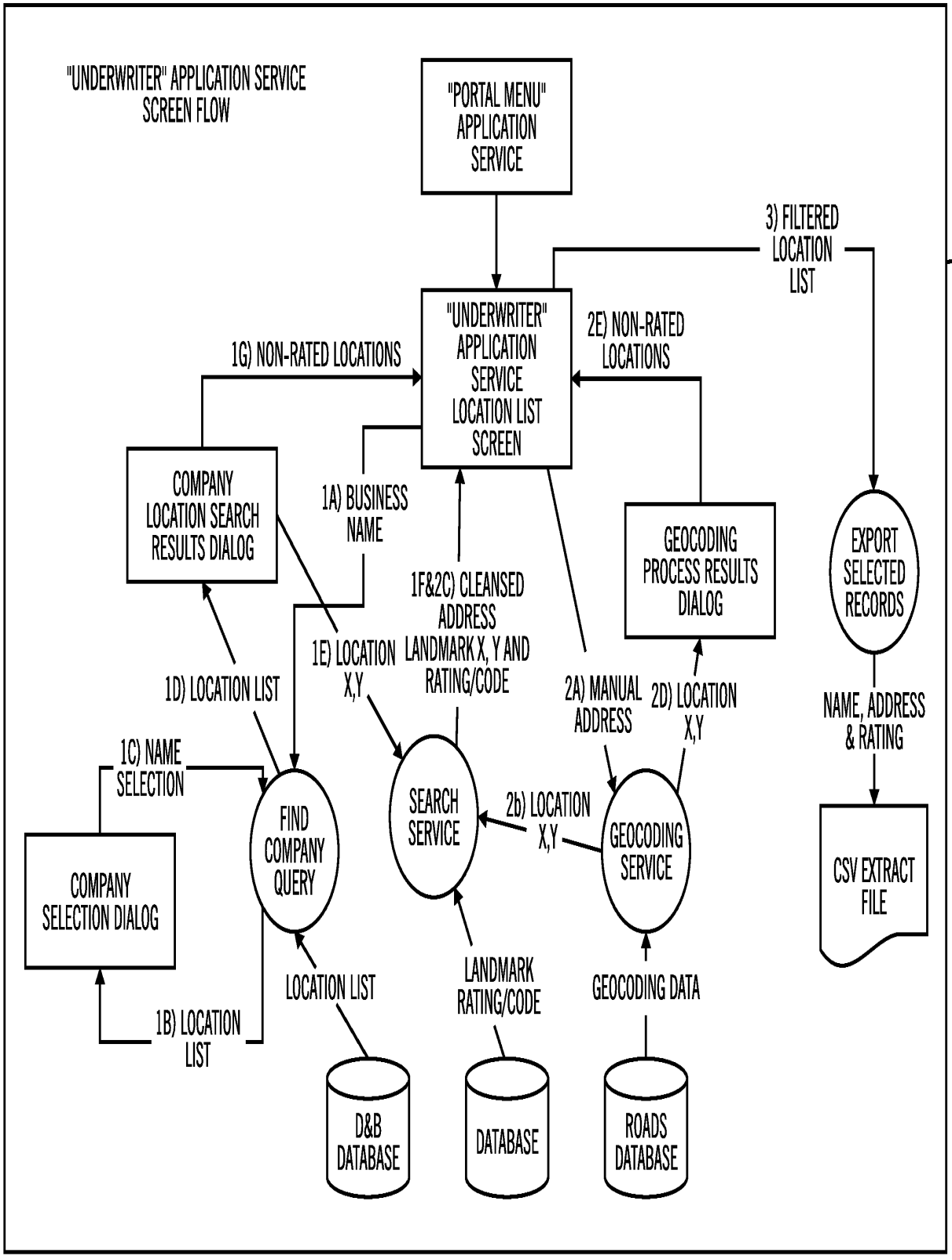

"UNDERWRITER" APPLICATION SERVICE SCREEN FLOW
"PORTAL MENU" APPLICATION SERVICE
3) FILTERED LOCATION LIST
12800
"UNDERWRITER" APPLICATION SERVICE LOCATION LIST SCREEN
1G) NON-RATED LOCATIONS
2E) NON-RATED LOCATIONS
COMPANY LOCATION SEARCH RESULTS DIALOG
1A) BUSINESS NAME
GEOCODING PROCESS RESULTS DIALOG
EXPORT SELECTED RECORDS
1F&2C) CLEANSED ADDRESS LANDMARK X, Y AND RATING/CODE
1E) LOCATION X,Y
1D) LOCATION LIST
2A) MANUAL ADDRESS
2D) LOCATION X,Y
NAME, ADDRESS & RATING
1C) NAME SELECTION
FIND COMPANY QUERY
SEARCH SERVICE
2b) LOCATION X,Y
GEOCODING SERVICE
CSV EXTRACT FILE
COMPANY SELECTION DIALOG
LOCATION LIST
LANDMARK RATING/CODE
GEOCODING DATA
1B) LOCATION LIST
D&B DATABASE
DATABASE
ROADS DATABASE

FIG. 128

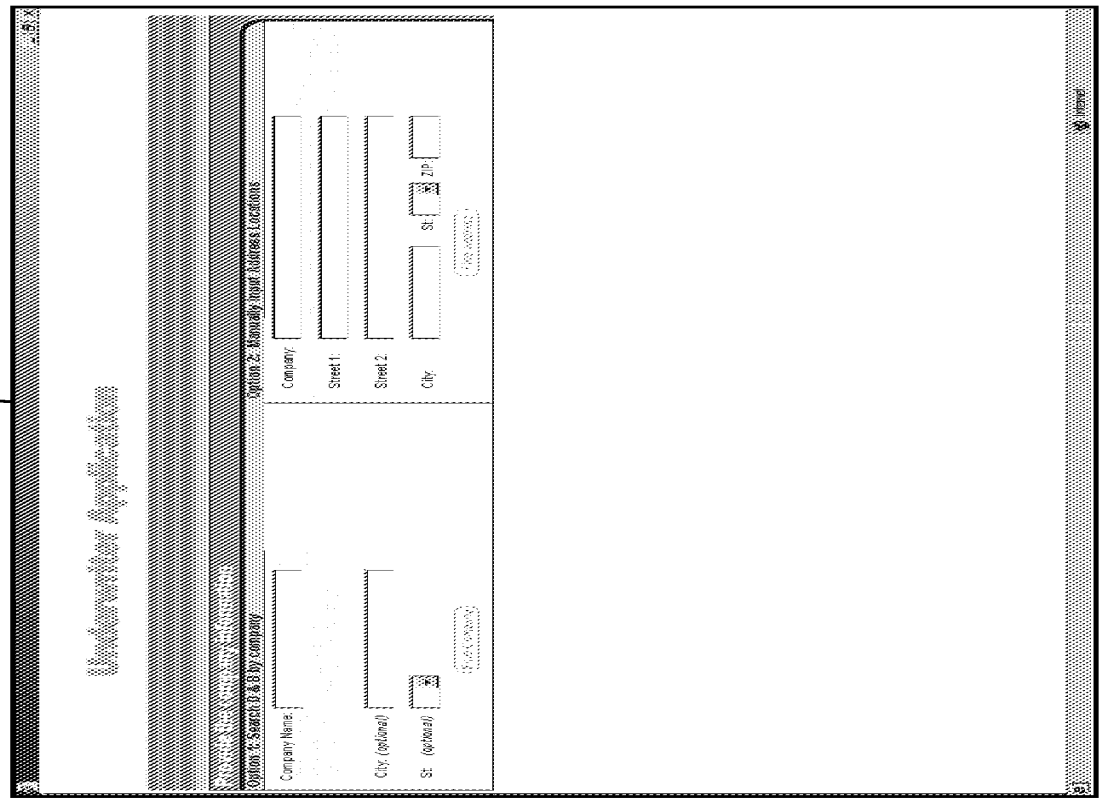

12900
Option 2: Manually Input Address Locations
Company
Sheet 1
Sheet 2
City
St
ZIP
Internet

FIG. 129

13000

| Query | Company Name | City | State |
|---|---|---|---|
| 1 | Yes | No | No |
| 2 | Yes | Yes | No |
| 3 | Yes | No | Yes |
| 4 | Yes | Yes | Yes |

FIG. 130

13100

| Column | Description |
|---|---|
| Company Selection Radio Button | First row defaults to selected. No selectable column header or description. |
| Company Name | business_name column from D&B Normalized searching table |
| City | Cleansed_city column from D&B Normalized searching table |
| State | Cleansed_state column from D&B Normalized searching table |
| DUNS Number (Hidden) | Hidden column not displayed in list. DUNS column from D&B Normalized searching table; foreign key from same column in main D&B table. |

FIG. 131

13200

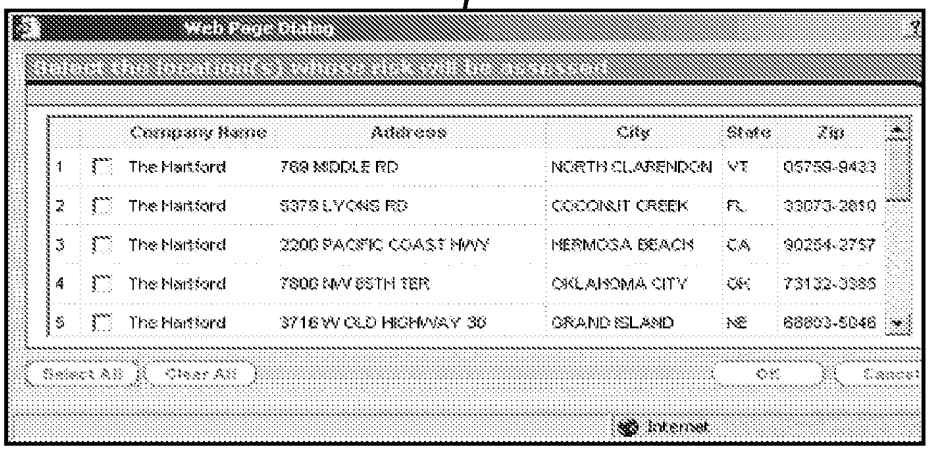



FIG. 132

13300

| | |
|---|---|
| Location Number | Automatically generated when the list is displayed. Always show 1 through 'n' regardless of sort order. |
| Location Inclusion Check Box | user entered data element. Default is checked. |
| Company name | business_name column from D&B Normalized searching table |
| Address | Cleansed_address column from main D&B table |
| City | Cleansed_city column from main D&B table |
| State | Cleansed_state column from main D&B table |
| ZIP | Cleansed_zip column from main D&B table |
| Geocode Status (Hidden) | Hidden column not displayed in list. Geocode_status column from main D&B table |
| Geocoded Location (Hidden) | Hidden column not displayed in list. SDO_Geometry column from main D&B table |

FIG. 133

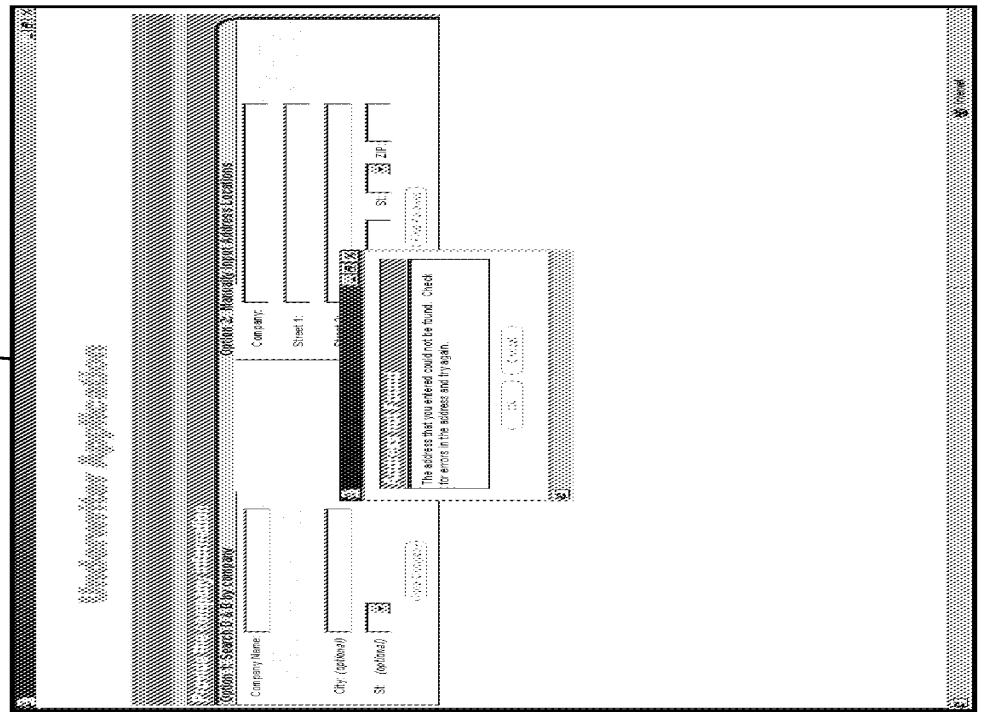

13400
Underwriter Application
Company Name
City (optional)
St (optional)
Company
Sheet 1:
St
ZIP
The address that you entered could not be found. Check
for errors in the address and try again.

FIG. 134

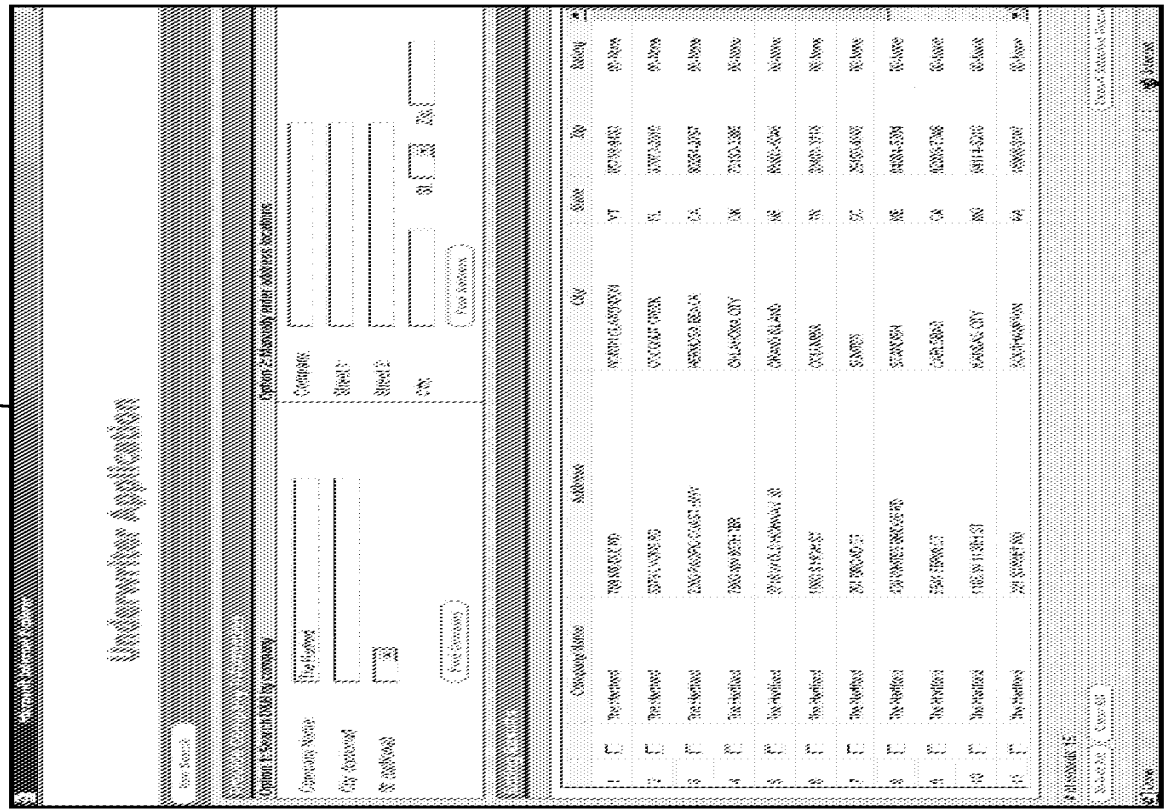



FIG. 135

13600

| | | |
|---|---|---|
| Location Number | | Automatically generated when the list is displayed. Always show 1 through 'n' regardless of sort order. |
| Location Inclusion Check Box | | user entered data element. Default is checked. |
| Company name | | business_name column from D&B Normalized searching table |
| Address | | Cleansed_address column from main D&B table |
| City | | Cleansed_city column from main D&B table |
| State | | Cleansed_state column from main D&B table |
| ZIP | | Cleansed_zip column from main D&B table |
| rating | rating Number | Pml_rating_num column from policy_batch_landmark_rtg table, or static 0 or blank.<br>Values 0-10 or blank. |
| | rating code | Pml_rating_group_cd column from the event_type_pml_rating table, or static '-None' or blank.<br>Values '-High', '-Medium', '-Low', '-None' or blank. |

FIG. 136

| Column | type |
|---|---|
| Company Name | Text |
| Address | Text |
| City | Text |
| State | Text |
| ZIP | Text |
| rating | Text |

13700

FIG. 137

13800

The Company, "261 BROAD ST", "SUMTER", "SC", "29150-4146", "00-None"
The Company, "1000 S HIGH ST", "COLUMBIA", "TN", "38401-3718", "00-None"
The Company, "769 MIDDLE ROAD", "NORTH CLARENDON", "VT", "05759-9433", "00-None"

FIG. 138

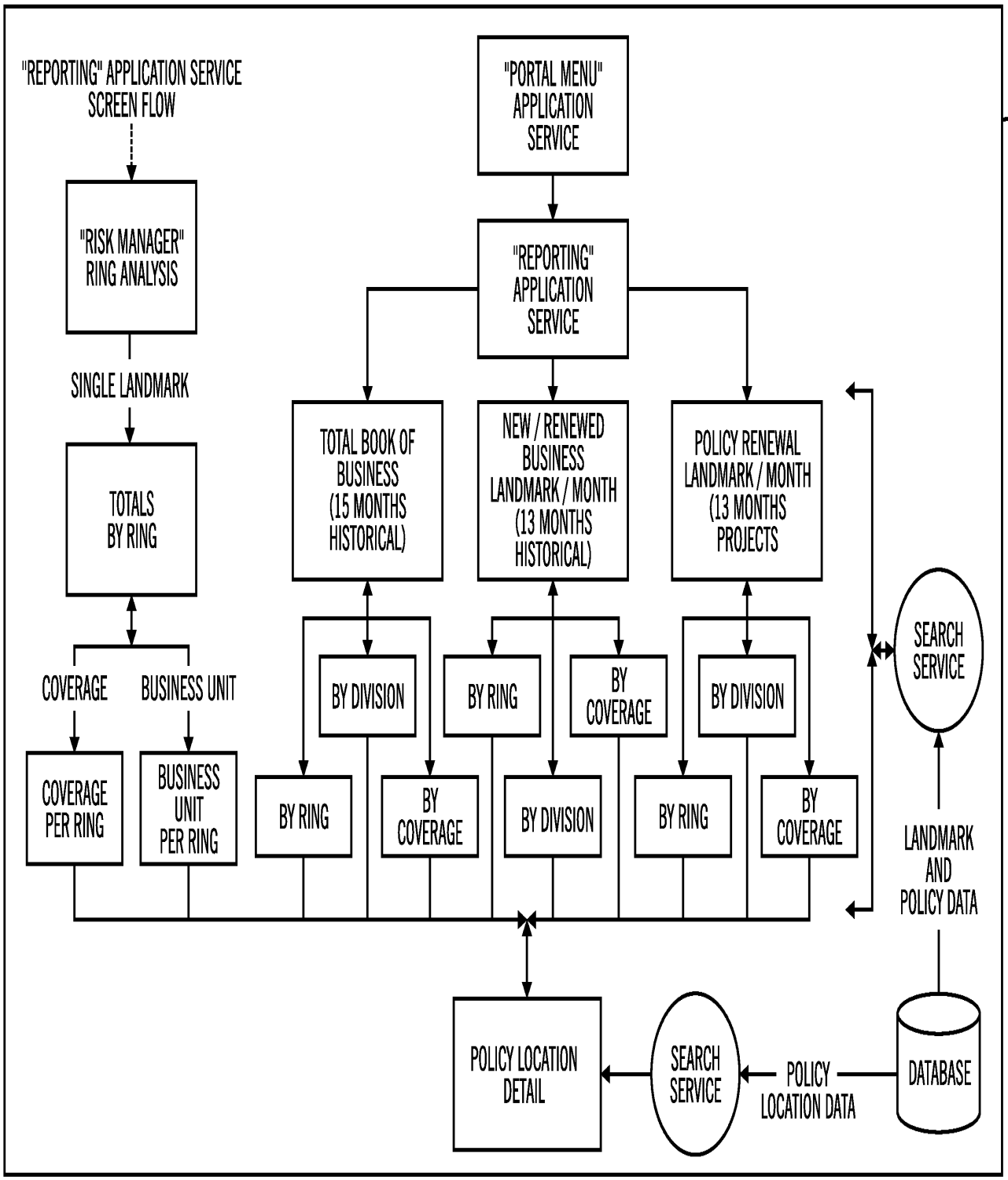
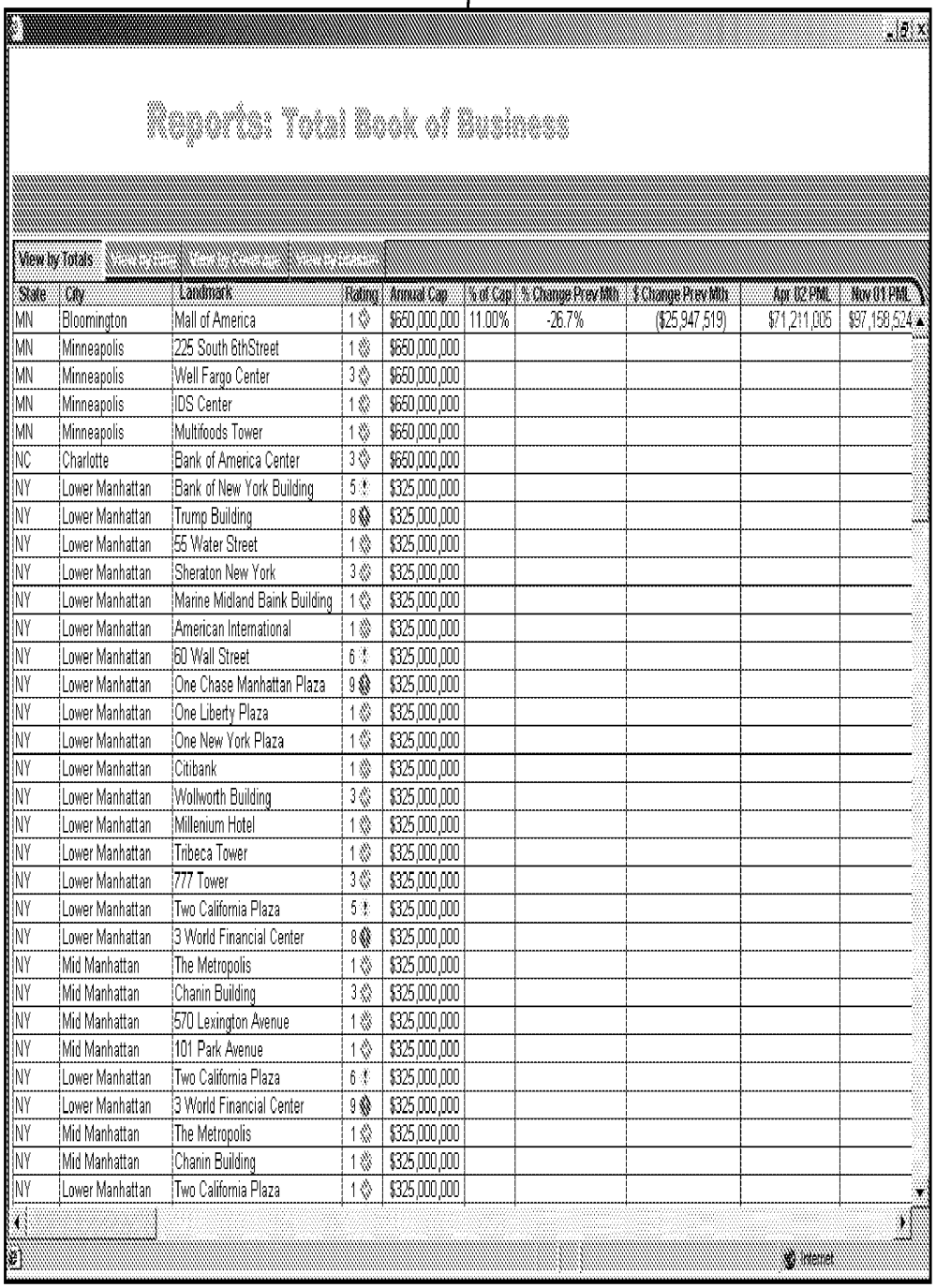



FIG. 139

145/187

Q-02-02B

14000




| State | City | Landmark | Rating | Annual Cap | % of Cap | % Change Prev Mth | $ Change Prev Mth | Apr 02 PML | Nov 01 PML |
|---|---|---|---|---|---|---|---|---|---|
| MN | Bloomington | Mall of America | 1 | $650,000,000 | 11.00% | -26.7% | ($25,947,519) | $71,211,005 | $97,158,524 |
| MN | Minneapolis | 225 South 6thStreet | 1 | $650,000,000 | | | | | |
| MN | Minneapolis | Well Fargo Center | 3 | $650,000,000 | | | | | |
| MN | Minneapolis | IDS Center | 1 | $650,000,000 | | | | | |
| MN | Minneapolis | Multifoods Tower | 1 | $650,000,000 | | | | | |
| NC | Charlotte | Bank of America Center | 3 | $650,000,000 | | | | | |
| NY | Lower Manhattan | Bank of New York Building | 5 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Trump Building | 8 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 55 Water Street | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Sheraton New York | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Marine Midland Baink Building | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | American International | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 60 Wall Street | 6 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One Chase Manhattan Plaza | 9 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One Liberty Plaza | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One New York Plaza | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Citibank | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Wollworth Building | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Millenium Hotel | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Tribeca Tower | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 777 Tower | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Two California Plaza | 5 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 3 World Financial Center | 8 | $325,000,000 | | | | | |
| NY | Mid Manhattan | The Metropolis | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | Chanin Building | 3 | $325,000,000 | | | | | |
| NY | Mid Manhattan | 570 Lexington Avenue | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | 101 Park Avenue | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Two California Plaza | 6 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 3 World Financial Center | 9 | $325,000,000 | | | | | |
| NY | Mid Manhattan | The Metropolis | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | Chanin Building | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Two California Plaza | 1 | $325,000,000 | | | | | |

FIG. 140

14100

FIG. 141

# Reports: New Business by Landmark

View by Totals | Sort by State | Sort by Landmark | Sort by Rating

| State | City | Landmark | Rating | Landmark Annual Cap | Aug 02 | Jul 02 | Jun 02 | May 02 | Apr 02 |
|---|---|---|---|---|---|---|---|---|---|
| MN | Bloomington | Mall of America | 1 | $650,000,000 | | | | | |
| MN | Minneapolis | 225 South 6thStreet | 1 | $650,000,000 | | | | | |
| MN | Minneapolis | Well Fargo Center | 3 | $650,000,000 | | | | | |
| MN | Minneapolis | IDS Center | 1 | $650,000,000 | | | | | |
| MN | Minneapolis | Multifoods Tower | 1 | $650,000,000 | | | | | |
| NC | Charlotte | Bank of America Center | 3 | $650,000,000 | | | | | |
| NY | Lower Manhattan | Bank of New York Building | 5 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Trump Building | 8 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 55 Water Street | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Sheraton New York | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Marine Midland Baink Building | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | American International | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 60 Wall Street | 6 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One Chase Manhattan Plaza | 9 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One Liberty Plaza | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One New York Plaza | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Citibank | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Wollworth Building | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Millenium Hotel | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Tribeca Tower | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 777 Tower | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Two California Plaza | 5 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 3 World Financial Center | 8 | $325,000,000 | | | | | |
| NY | Mid Manhattan | The Metropolis | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | Chanin Building | 3 | $325,000,000 | | | | | |
| NY | Mid Manhattan | 570 Lexington Avenue | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | 101 Park Avenue | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Two California Plaza | 6 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 3 World Financial Center | 9 | $325,000,000 | | | | | |
| NY | Mid Manhattan | The Metropolis | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | Chanin Building | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Two California Plaza | 1 | $325,000,000 | | | | | |

Internet

14200

FIG. 142

# Reports: Policy Renewal by Landmark

View by Totals | View by City, by State and by Landmark | View by Landmark

| State | City | Landmark | Rating | Landmark Annual Cap | Current Aug 02 | 30 Days Sep 02 | 60 Days Oct 02 | 90 Days Nov 02 | 120 Days Dec 02 |
|---|---|---|---|---|---|---|---|---|---|
| MN | Bloomington | Mall of America | 1 | $650,000,000 | | | | | |
| MN | Minneapolis | 225 South 6thStreet | 1 | $650,000,000 | | | | | |
| MN | Minneapolis | Well Fargo Center | 3 | $650,000,000 | | | | | |
| MN | Minneapolis | IDS Center | 1 | $650,000,000 | | | | | |
| MN | Minneapolis | Multifoods Tower | 1 | $650,000,000 | | | | | |
| NC | Charlotte | Bank of America Center | 3 | $650,000,000 | | | | | |
| NY | Lower Manhattan | Bank of New York Building | 5 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Trump Building | 8 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 55 Water Street | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Sheraton New York | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Marine Midland Baink Building | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | American International | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 60 Wall Street | 6 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One Chase Manhattan Plaza | 9 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One Liberty Plaza | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | One New York Plaza | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Citibank | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Wollworth Building | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Millenium Hotel | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Tribeca Tower | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 777 Tower | 3 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Two California Plaza | 5 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 3 World Financial Center | 8 | $325,000,000 | | | | | |
| NY | Mid Manhattan | The Metropolis | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | Chanin Building | 3 | $325,000,000 | | | | | |
| NY | Mid Manhattan | 570 Lexington Avenue | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | 101 Park Avenue | 1 | $325,000,000 | | | | | |
| NY | Lower Manhattan | Two California Plaza | 6 | $325,000,000 | | | | | |
| NY | Lower Manhattan | 3 World Financial Center | 9 | $325,000,000 | | | | | |
| NY | Mid Manhattan | The Metropolis | 1 | $325,000,000 | | | | | |
| NY | Mid Manhattan | Chanin Building | 1 | $325,000,000 | | | | | |

Internet

| # Column Name | Description |
|---|---|
| 1 Unique user Name | Text: Minimum 6, maximum of 50 characters. Start with character only; any mix of alphanumeric after first character. No special or control characters. Upper or lower case. |
| 2 First Name | Text: Maximum 100 character string with any mix of alphanumeric and special characters except for '%', '"', '=', ';', and any control characters. |
| 3 Last Name | Text: Maximum 100 character string with any mix of alphanumeric and special characters except for '%', '"', '=', ';', and any control characters. |
| 4 E-Mail Address | Text: Maximum 250 character string with any valid email address. |
| 5 Status | Text: Either of the two strings "ACTIVE" or "INACTIVE". |
| 6 Client Division | Text: Any valid Division string matching the DIVISION_NM column in the Division table. |

14300

FIG. 143

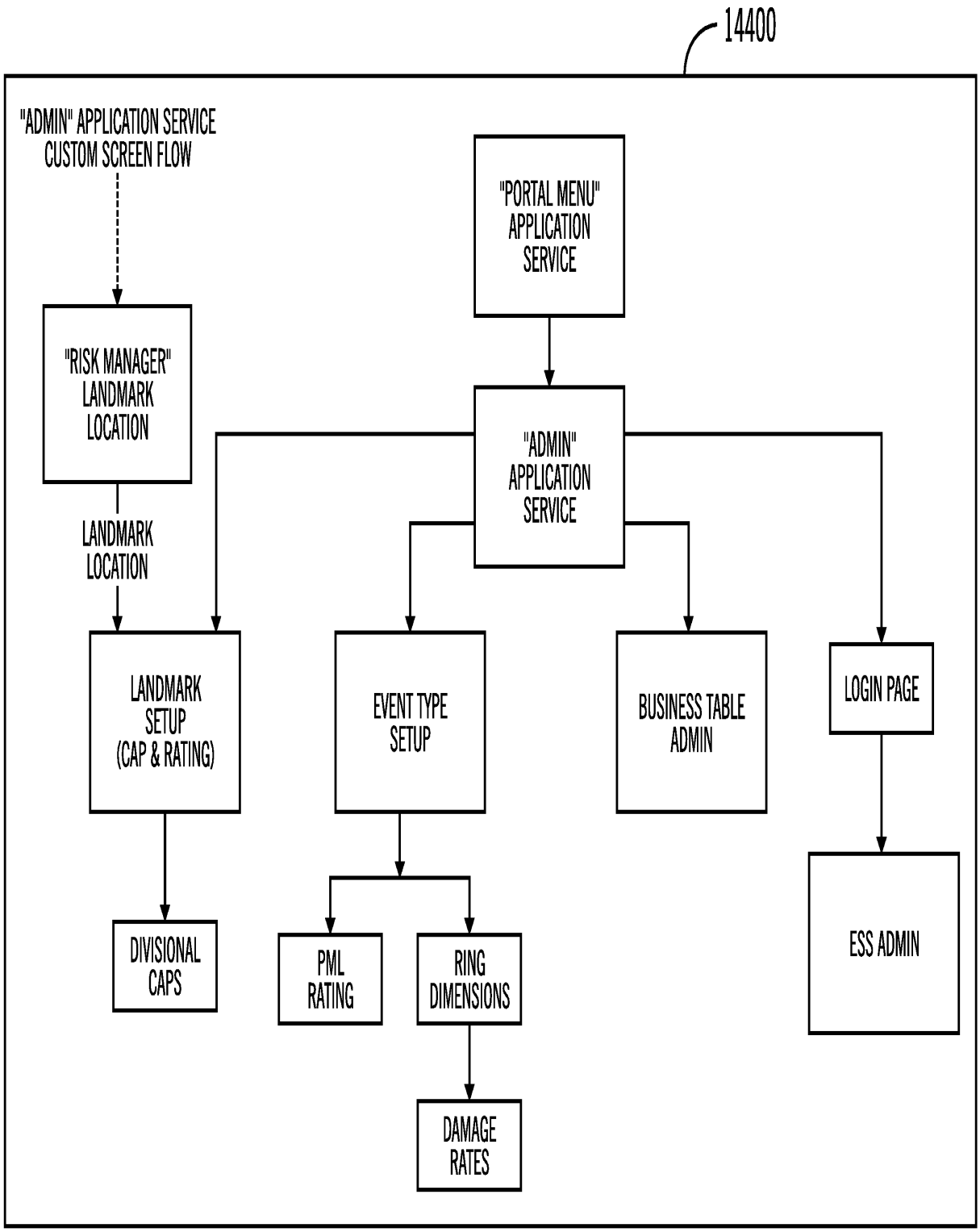

14400
"ADMIN" APPLICATION SERVICE CUSTOM SCREEN FLOW
"PORTAL MENU" APPLICATION SERVICE
"RISK MANAGER" LANDMARK LOCATION
"ADMIN" APPLICATION SERVICE
LANDMARK LOCATION
LANDMARK SETUP (CAP & RATING)
EVENT TYPE SETUP
BUSINESS TABLE ADMIN
LOGIN PAGE
DIVISIONAL CAPS
PML RATING
RING DIMENSIONS
ESS ADMIN
DAMAGE RATES

FIG. 144

FIG. 145

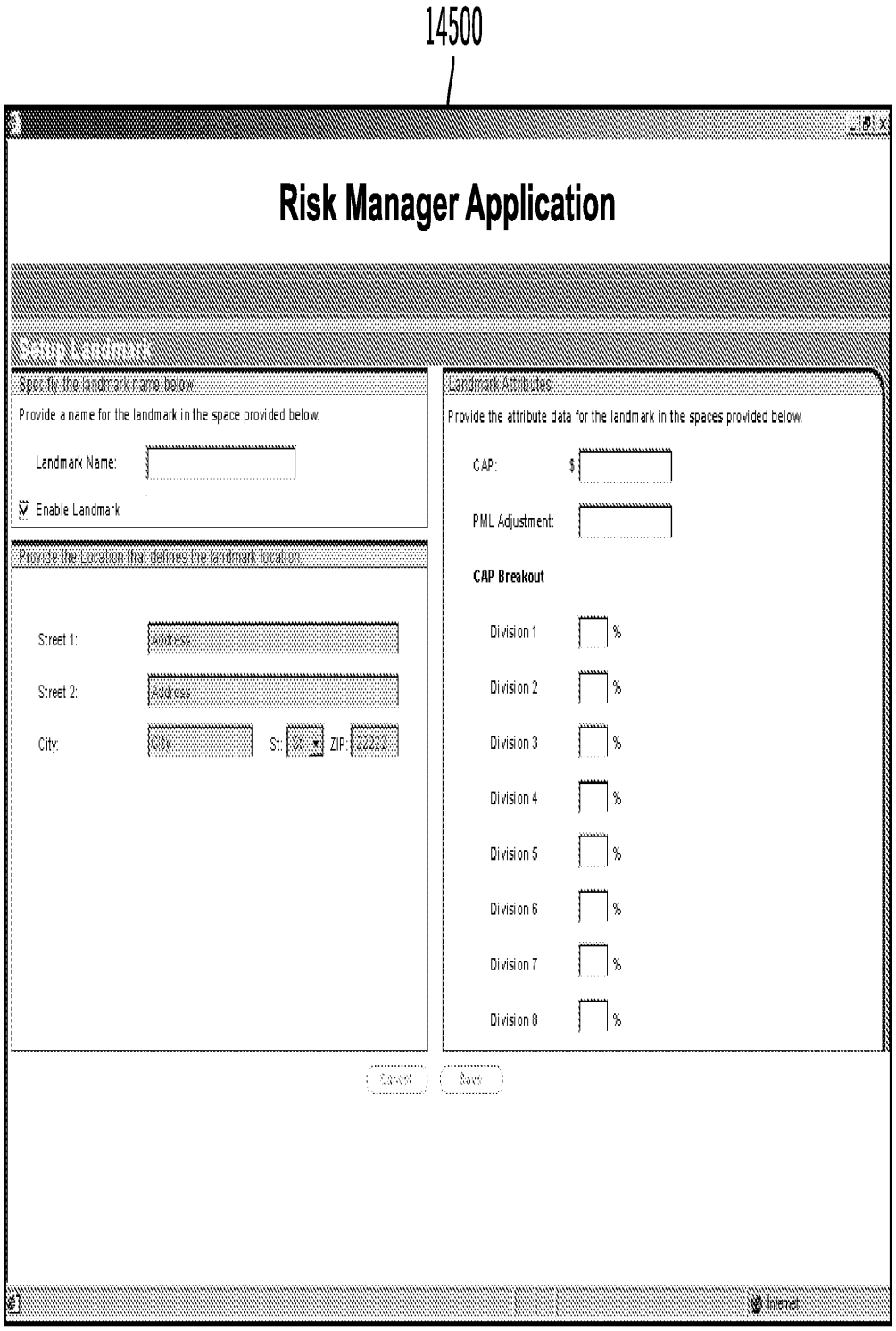
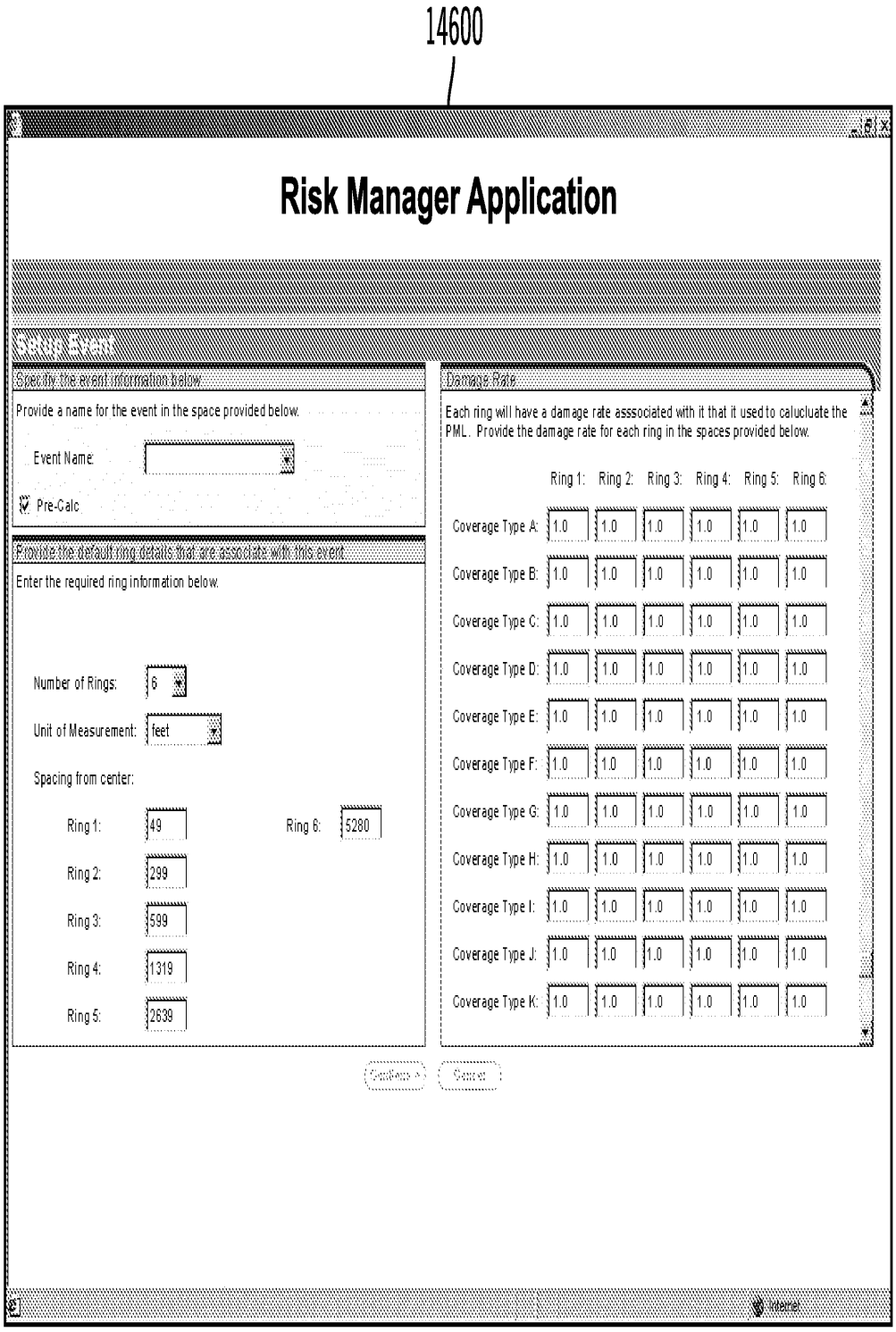

14500
Risk Manager Application
Specify Landmark
Specify the landmark name below
Provide a name for the landmark in the space provided below.
Landmark Name:
Enable Landmark
Provide the Location that defines the landmark location
Street 1:
Address
Street 2:
Address
City:
City
St:
ZIP:
22222
Landmark Attributes
Provide the attribute data for the landmark in the spaces provided below.
CAP:
$
PML Adjustment:
CAP Breakout
Division 1
Division 2
Division 3
Division 4
Division 5
Division 6
Division 7
Division 8
%
Cancel
Save
Internet

FIG. 146


14600
Risk Manager Application
Specify the event information below
Provide a name for the event in the space provided below.
Event Name:
Pre-Calc
Provide the default ring details that are associate with this event
Enter the required ring information below.
Number of Rings: 6
Unit of Measurement: feet
Spacing from center:
Ring 1: 49
Ring 2: 299
Ring 3: 599
Ring 4: 1319
Ring 5: 2639
Ring 6: 5280
Damage Rate
Each ring will have a damage rate asssociated with it that it used to calucluate the PML. Provide the damage rate for each ring in the spaces provided below.
Ring 1: Ring 2: Ring 3: Ring 4: Ring 5: Ring 6:
Coverage Type A: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type B: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type C: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type D: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type E: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type F: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type G: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type H: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type I: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type J: 1.0 1.0 1.0 1.0 1.0 1.0
Coverage Type K: 1.0 1.0 1.0 1.0 1.0 1.0
Internet

14700

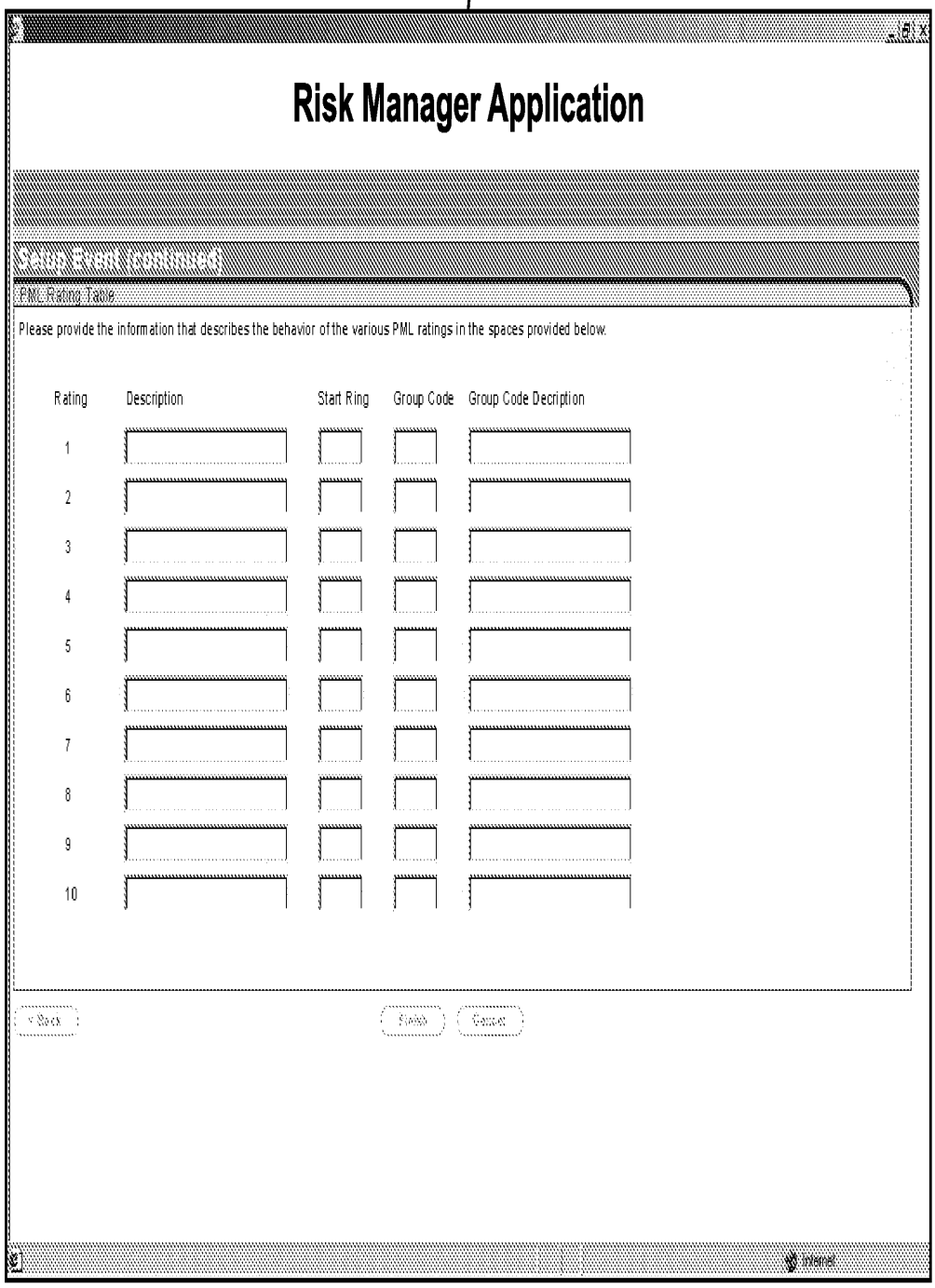



FIG. 147

"ADMIN" APPLICATION SERVICE BUSINESS TABLE SCREEN FLOW
"ADMIN" APPLICATION SERVICE
14800
BUSINESS TABLE ADMIN
DIVISIONS LIST EDITOR
DEPARTMENTS PICK LIST
DEPARTMENTS LIST EDITOR
BUSINESS UNIT PICK LIST
BUSINESS UNIT LIST EDITOR
WORKERS COMP LIST EDITOR
LINE OF BUSINESS LIST EDITOR
LIMIT ADJUSTMENT TYPE LIST EDITOR
AGGREGATES LIST EDITOR
COVERAGES LIST EDITOR
LIMIT ADJUSTMENT TYPE PICK LIST
DEDUCTIBLES LIST EDITOR
OTHER ITEMS LIST EDITOR
COVERAGES PICK LIST
AGGREGATES PICK LIST
DEDUCTIBLES PICK LIST

FIG. 148

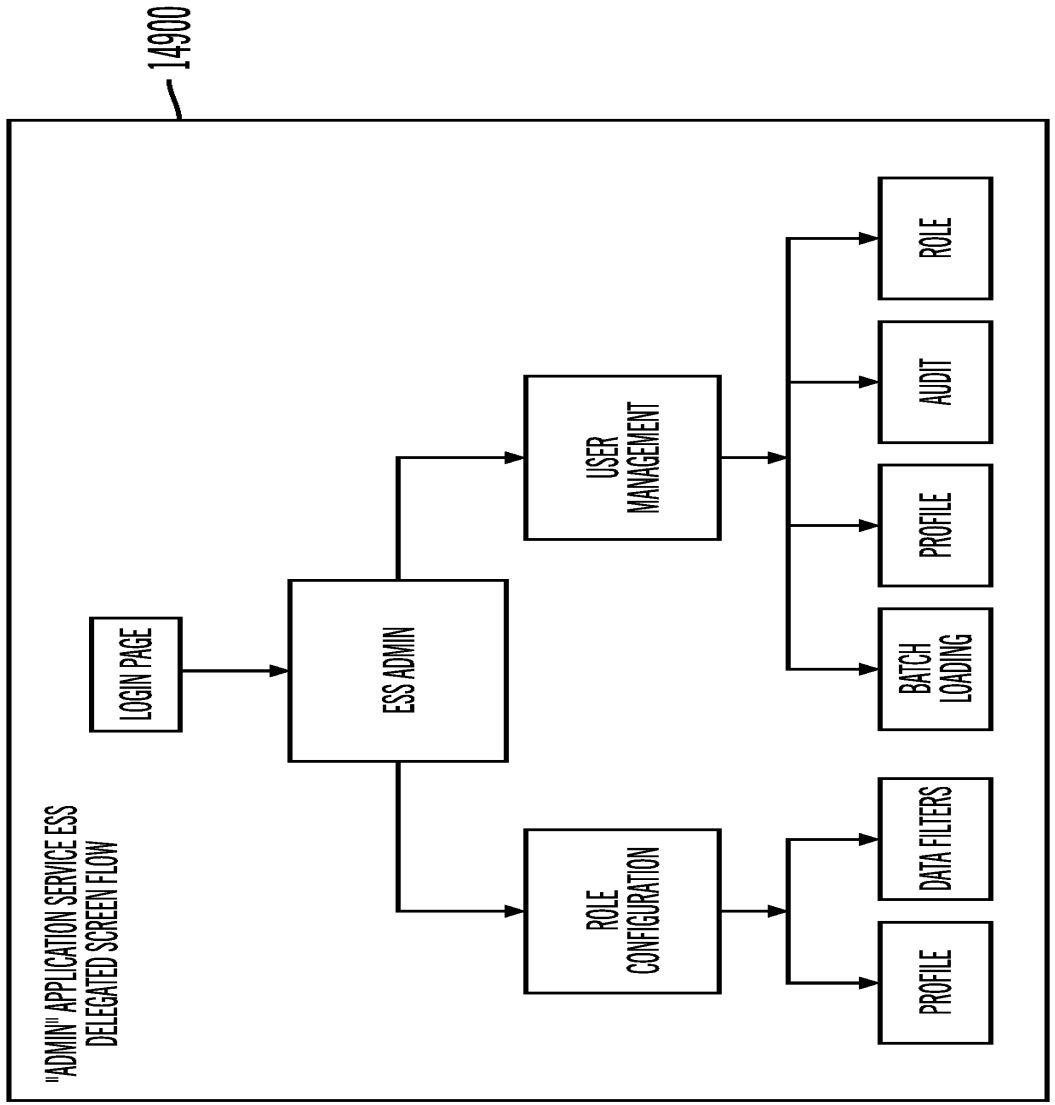

14900
"ADMIN" APPLICATION SERVICE ESS
DELEGATED SCREEN FLOW
LOGIN PAGE
ESS ADMIN
USER MANAGEMENT
ROLE CONFIGURATION
ROLE
AUDIT
PROFILE
BATCH LOADING
DATA FILTERS
PROFILE

FIG. 149

| Corporate | Management | Underwriter | Division Access to Policy Location Detail |
|---|---|---|---|
| 1 | 2 | 4 | Personal Lines |
| | | 4 | Business Insurance |
| | | 4 | Specialty |
| | 3 | 4 | Client-specific |

15000

FIG. 150

| Column Name | Column Size |
|---|---|
| DUNS | (CHAR(9)) |
| business_name | (CHAR(120)) |
| Cleansed_city | (CHAR(50)) |
| Cleansed_state | (CHAR(10)) |

15100

FIG. 151

15200

| View | Table Joins | Search Keys | Selected Fields | application services Using View |
|---|---|---|---|---|
| landmark_location_view | Policy_batch_landmark_rtg<br>landmark<br>Pml_event_type_rtg | | landmark.* | Risk Manager |
| policy_location_view | policy_location<br>policy | | | Risk Manager |

FIG. 152

| Physical Layer | Logical Layer |
|---|---|
| landmark Locations | landmarks: All production landmarks in a single logical layer. |
| policy locations | Current policy locations: policy locations from physical layer where batch # Current. |
| | Aug '02 policy locations: policy locations from physical layer where batch # = Aug '02. |
| | Nov '01 policy locations: policy locations from physical layer where batch # = Nov '01. |
| | Gold policy locations: policy locations from physical layer where batch # = Gold. (Disable display post December launch; re-enable for validation testing). |

15300

FIG. 153

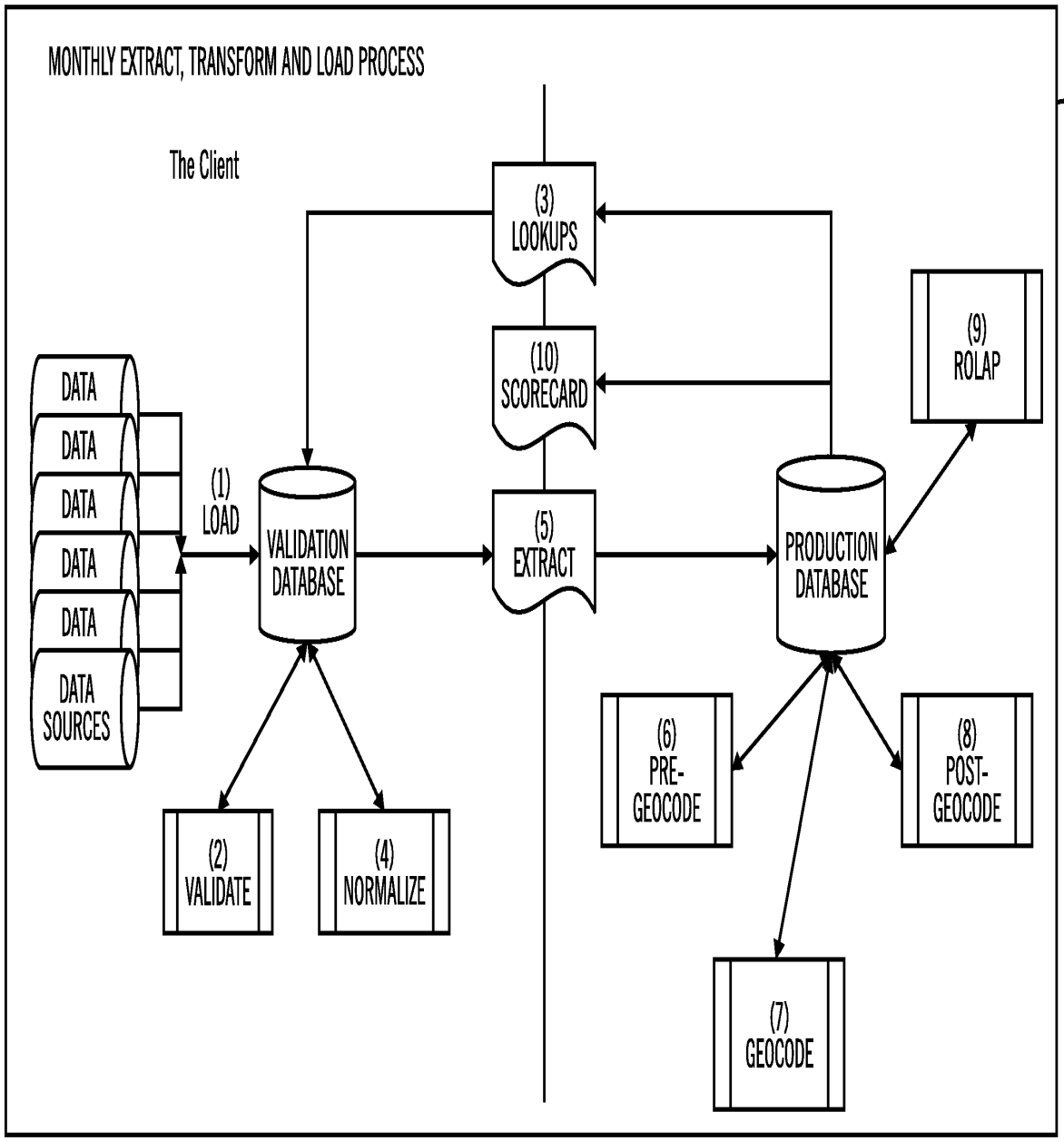

MONTHLY EXTRACT, TRANSFORM AND LOAD PROCESS
15400
The Client
(3) LOOKUPS
(10) SCORECARD
(9) ROLAP
DATA
DATA
DATA
DATA
DATA
DATA SOURCES
(1) LOAD
VALIDATION DATABASE
(5) EXTRACT
PRODUCTION DATABASE
(6) PRE-GEOCODE
(8) POST-GEOCODE
(2) VALIDATE
(4) NORMALIZE
(7) GEOCODE

FIG. 154

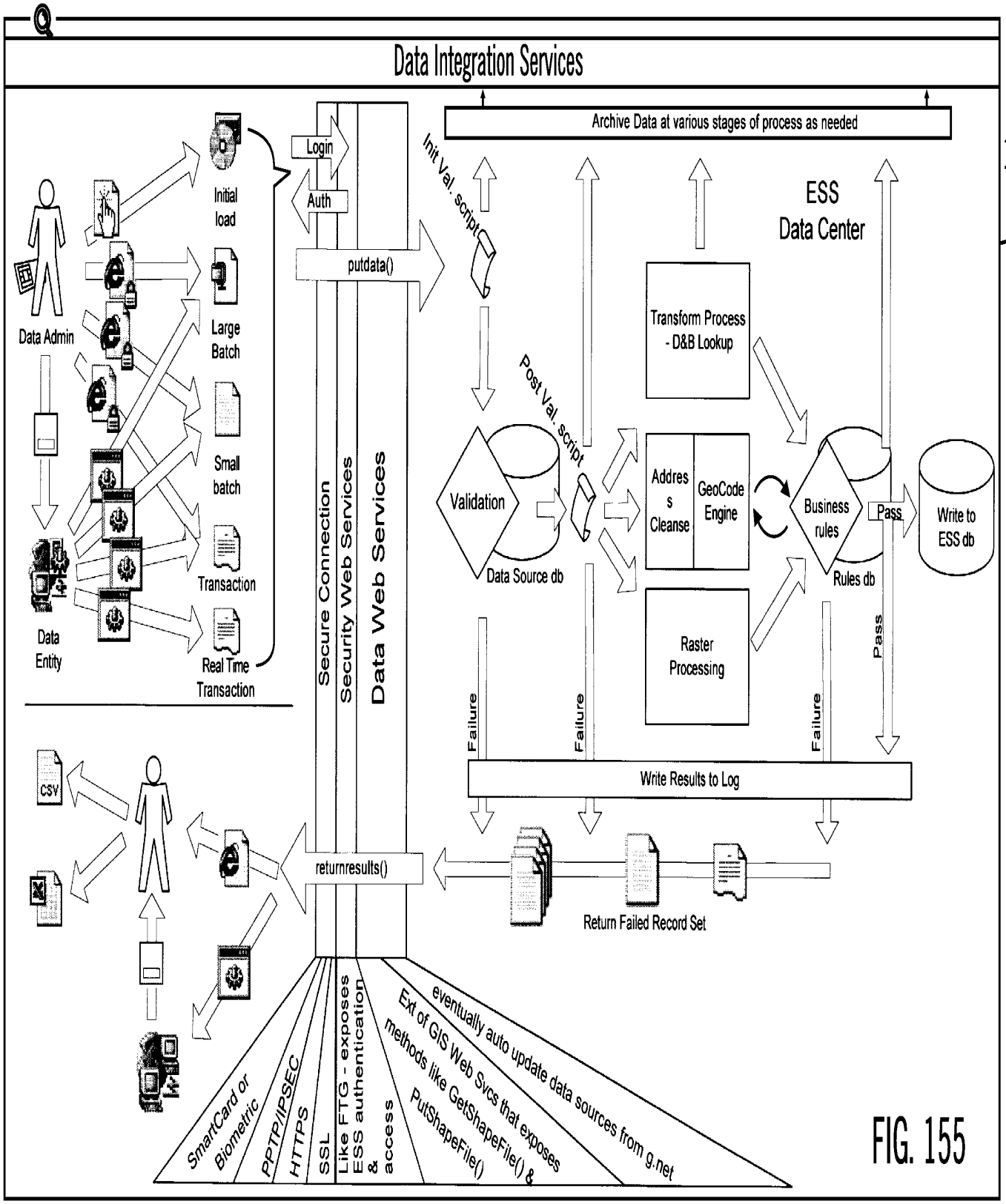

Data Integration Services
15500
Archive Data at various stages of process as needed
ESS
Data Center
Login
Auth
putdata()
Init Val. script
Post Val. script
Initial load
Large Batch
Small batch
Transaction
Real Time Transaction
Data Admin
Data Entity
Secure Connection
Security Web Services
Data Web Services
Validation
Data Source db
Addres s Cleanse
GeoCode Engine
Transform Process - D&B Lookup
Raster Processing
Business rules
Rules db
Pass
Write to ESS db
Failure
Failure
Failure
Pass
Write Results to Log
returnresults()
Return Failed Record Set
CSV
SmartCard or Biometric
PPTP/IPSEC
HTTPS
SSL
Like FTG - exposes ESS authentication & access
PutShapeFile() &
methods like GetShapeFile() &
Ext of GIS Web Svcs that exposes
eventually auto update data sources from g.net

FIG. 155

15600

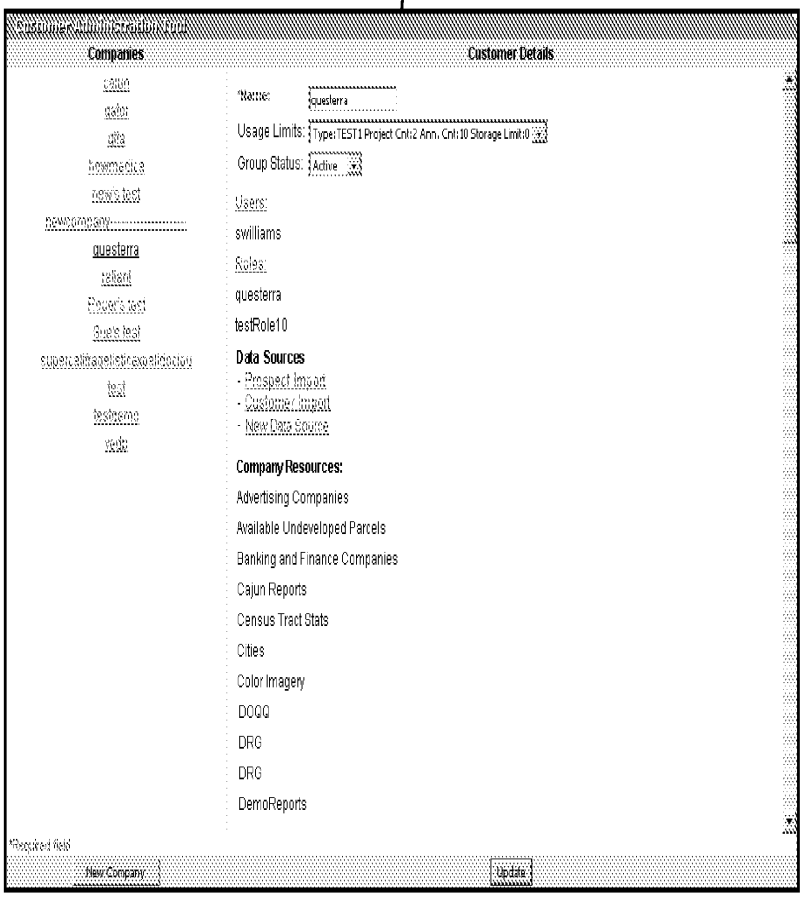



FIG. 156A

15610

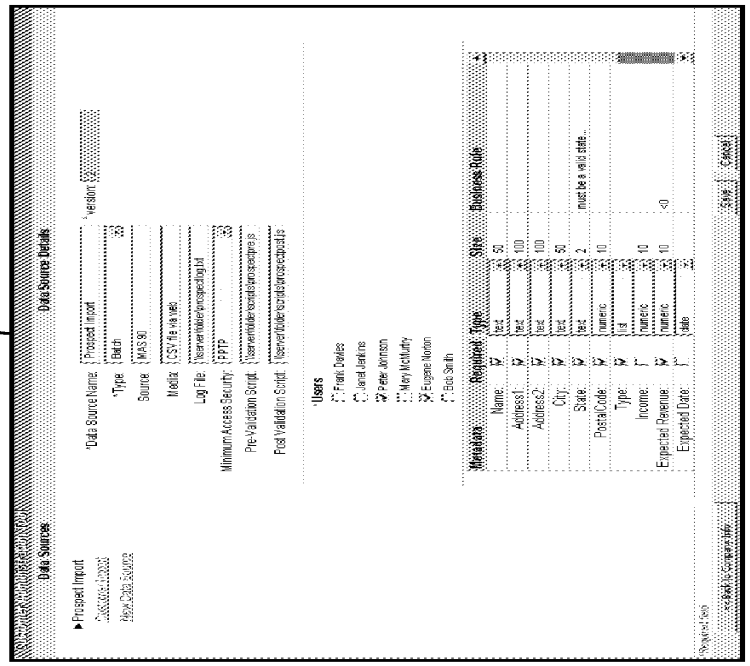



FIG. 156B

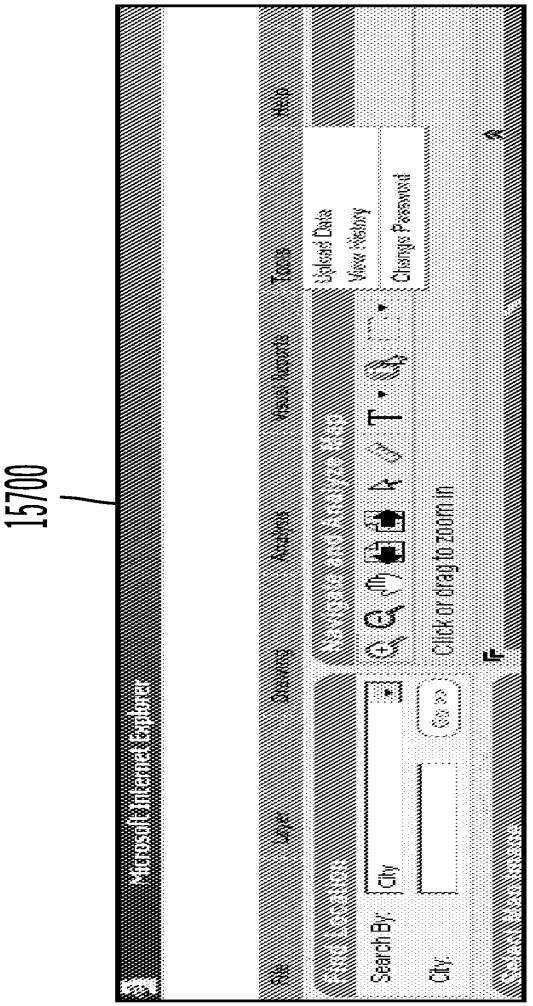

15700
Microsoft Internet Explorer
File
Edit
Favorites
Tools
Help
Search Favorites
Search By:
City
City:
Go >>
Click or drag to zoom in
Upload Data
View History
Change Password

FIG. 157A

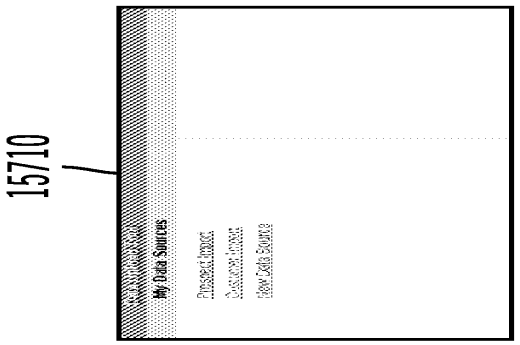

15710
My Data Sources
Present Report
Discover Report
New Data Source

FIG. 157B

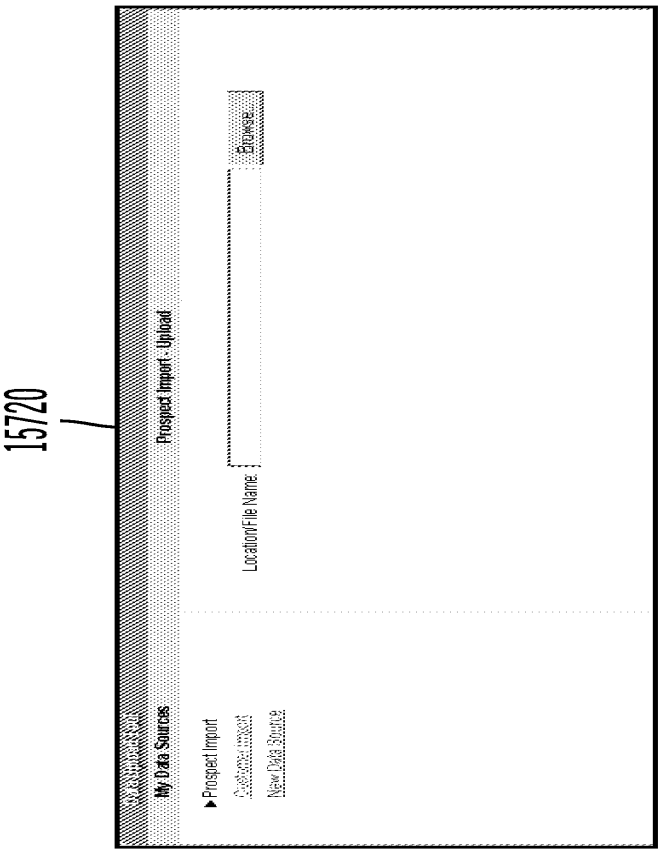

15720
My Data Sources
Prospect Import - Upload
Prospect Import
Customer Import
New Data Source
Location/File Name
Browse...

FIG. 157C

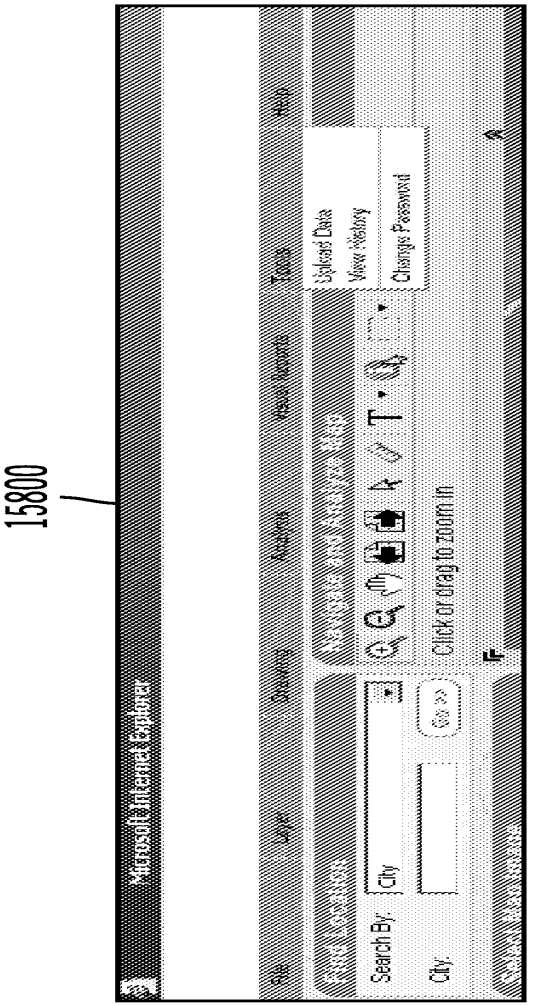

15800
Microsoft Internet Explorer
File
Edit
Favorites
Address
Tools
Help
Search Assistant
Search By:
City
City:
Go >>
Navigation and Search Tools
Upload Data
View History
Change Password
Click or drag to zoom in

FIG. 158A

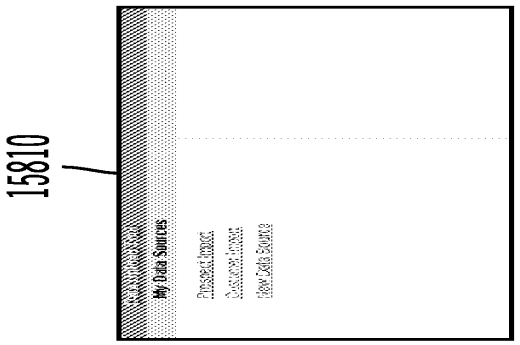

15810
My Data Sources
Present Inputs
Document Inputs
New Data Source

FIG. 158B

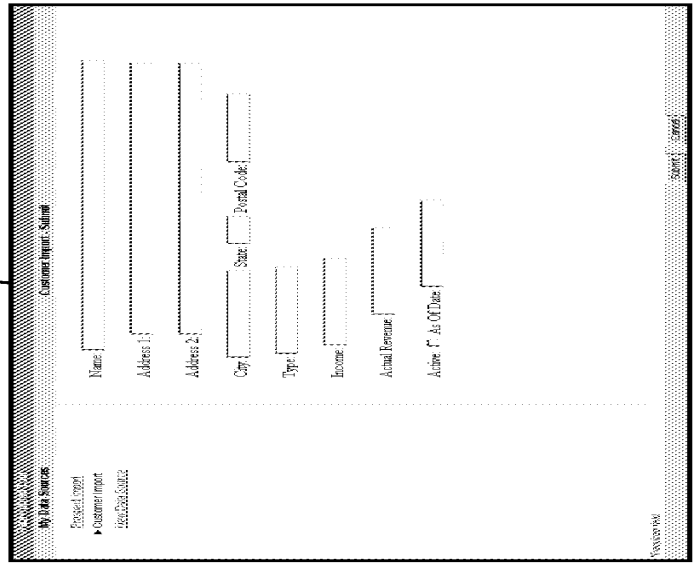

15820
Customer Import - Submit
Name:
Address 1:
Address 2:
City:
State:
Postal Code:
Type:
Income:
Annual Revenue:
Active
As Of Date:
Submit
Cancel

FIG. 158C

15900

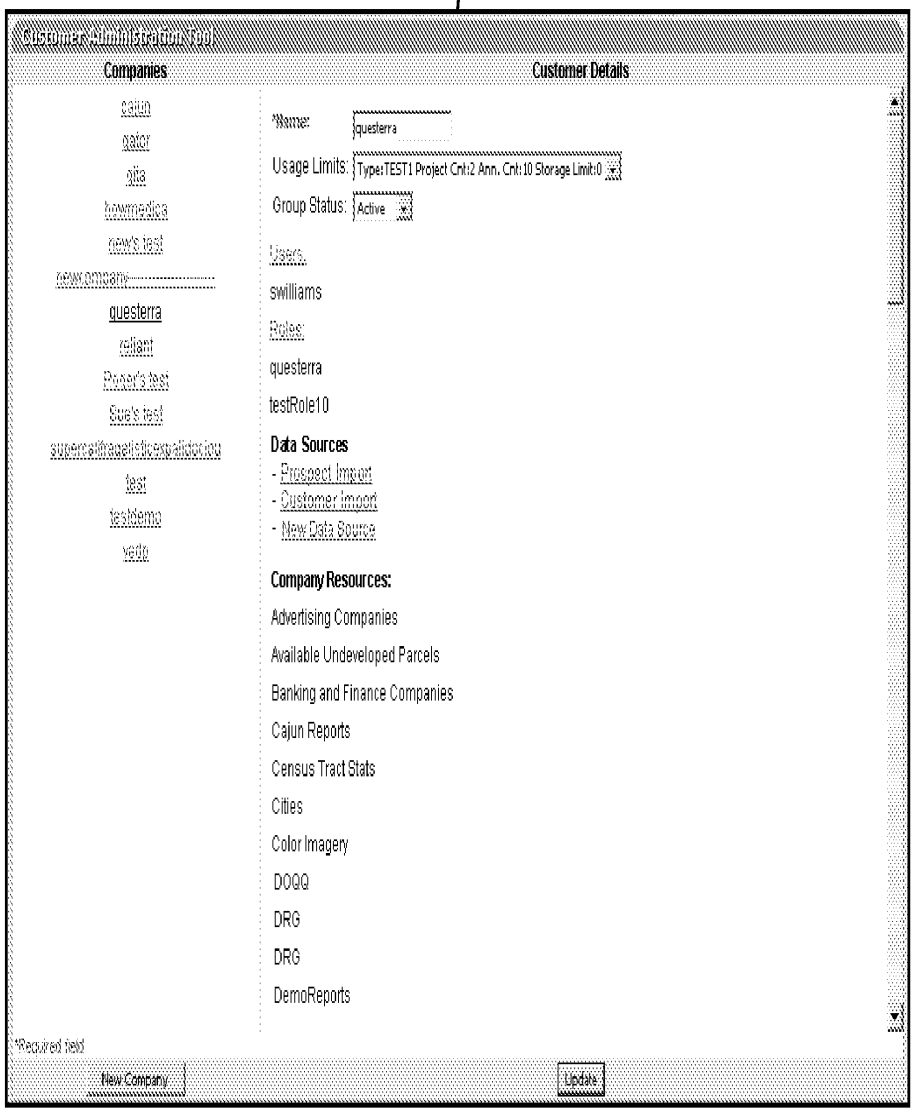



FIG. 159

16000

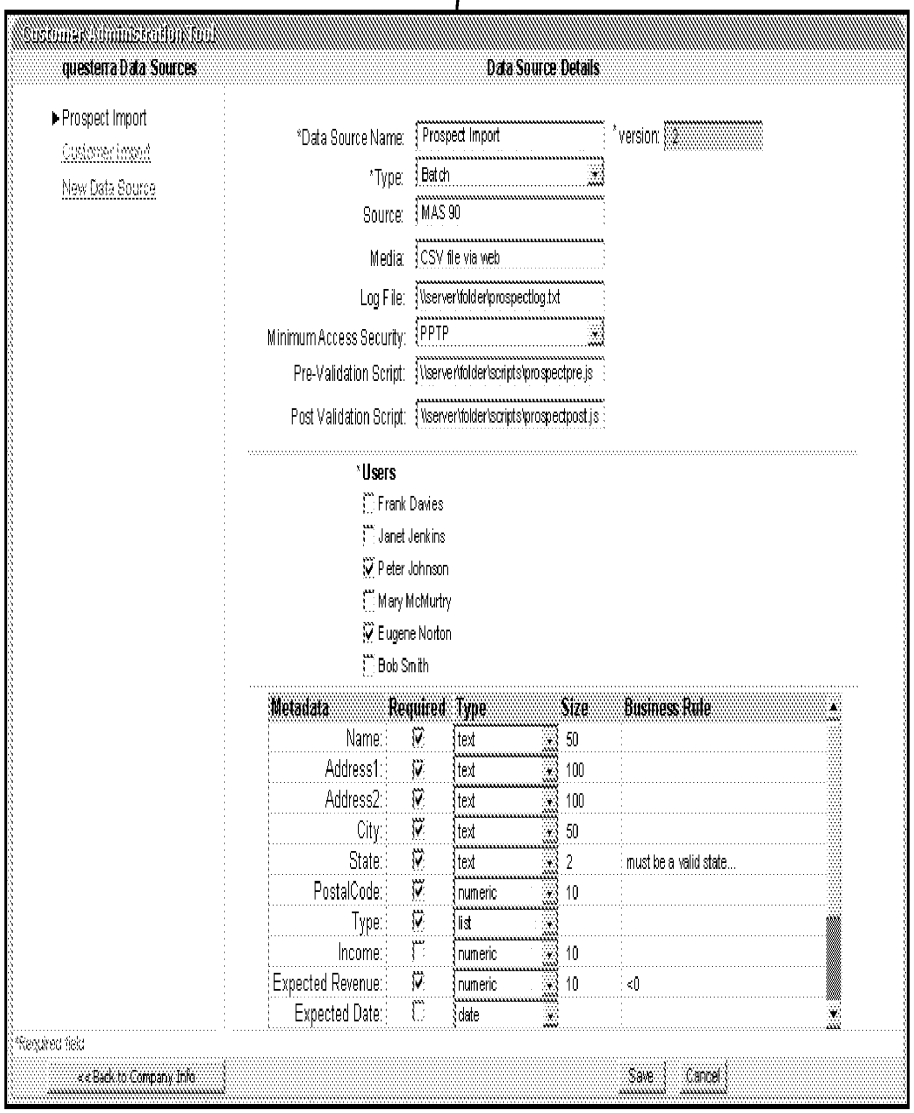



FIG. 160

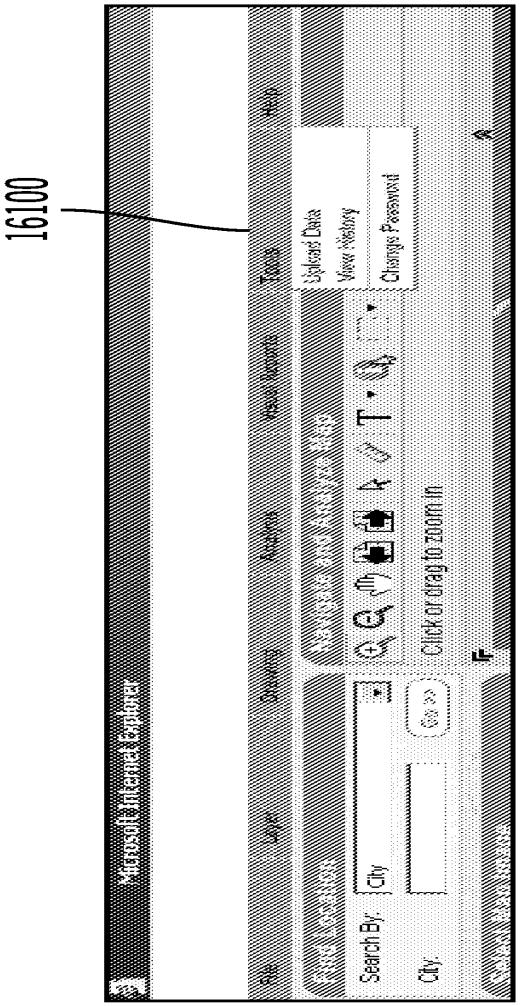

16100
Microsoft Internet Explorer
File
Edit
Favorites
Tools
Help
Search Assistant
Search By:
City
City:
Go >>
Click or drag to zoom in
Upload Data
View History
Change Password

FIG. 161

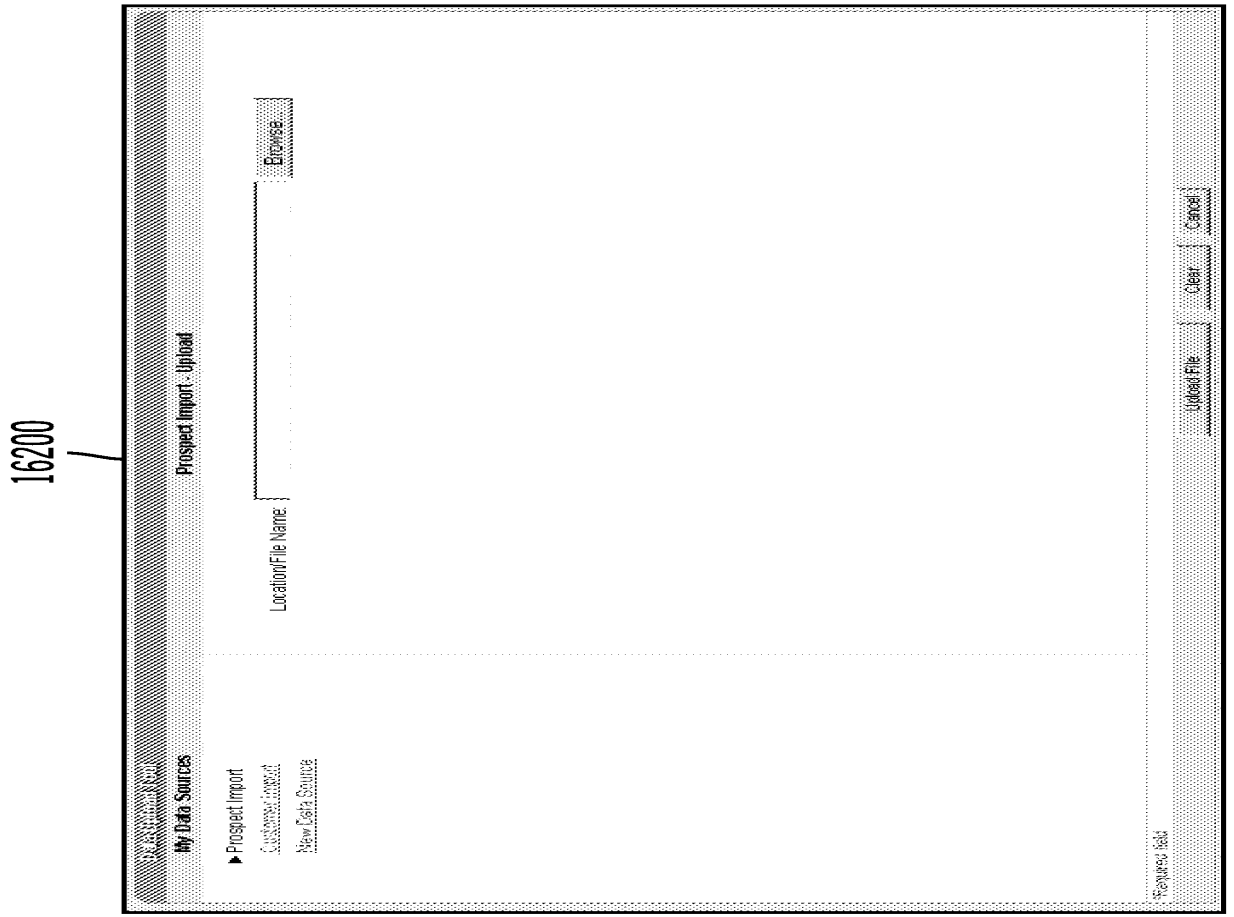

16200
My Data Sources
Prospect Import - Upload
Prospect Import
New Data Source
Location/File Name:
Browse...
Upload File
Clear
Cancel
*Required field

FIG. 162

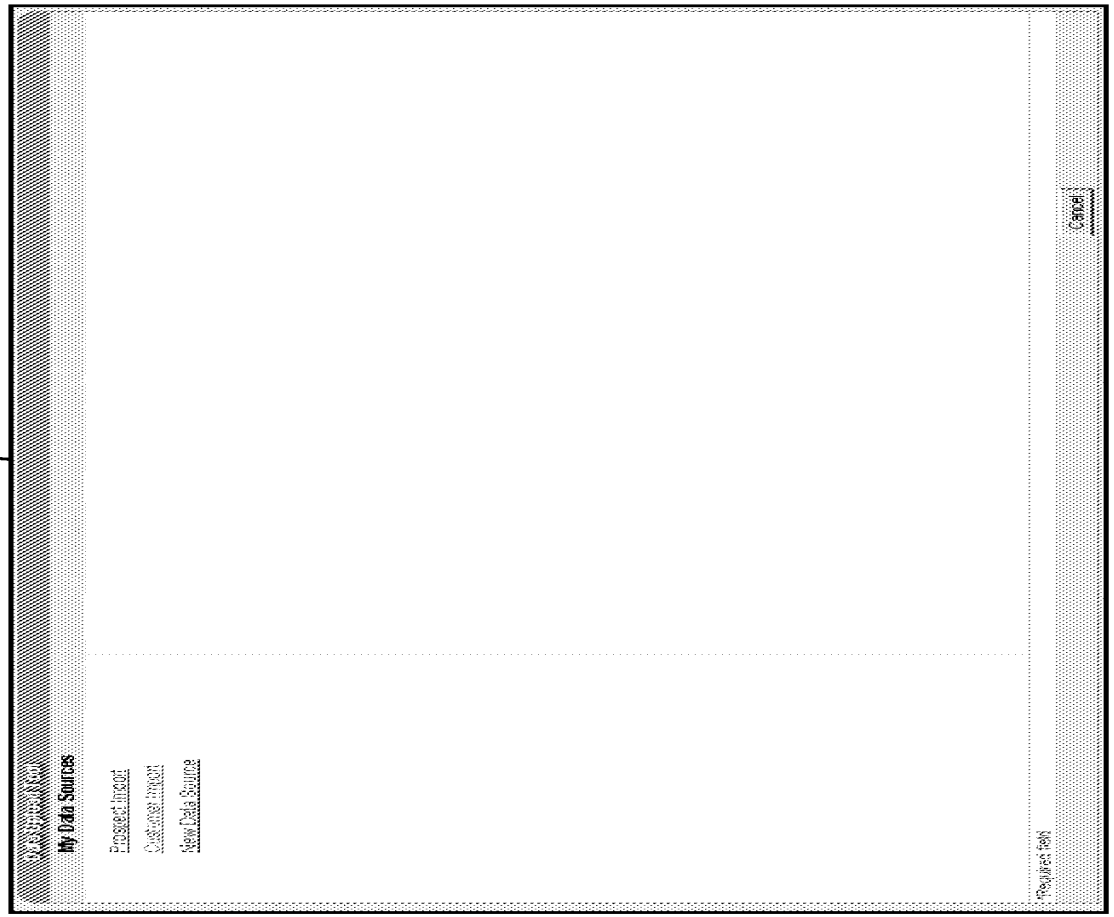

16300
My Data Sources
Prospect Import
Customer Import
New Data Source
Cancel
*Required field

FIG. 163

16400

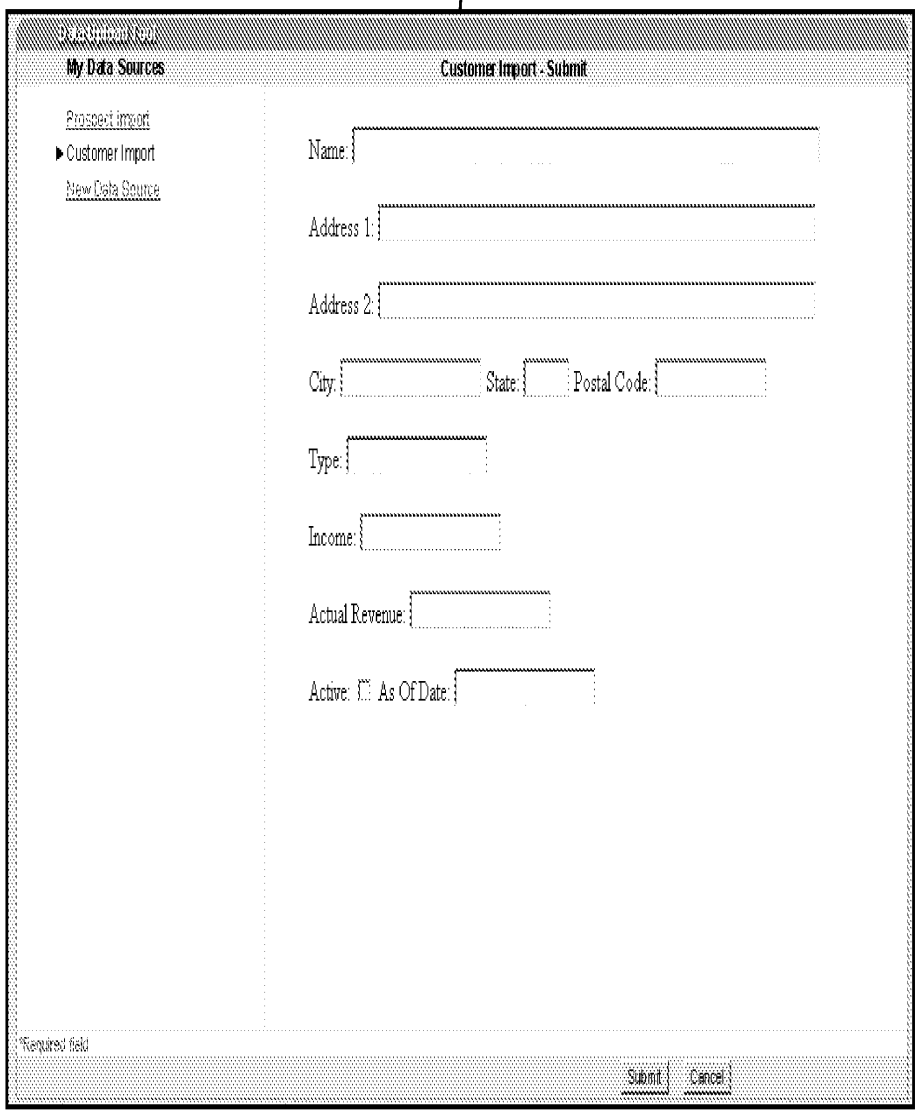



FIG. 164

FIG. 165


16510
16500
Boundaries
States
Urban/Suburban Areas
Counties
Corporate
Corporate Locations
Demographics
Counties (Administrative Areas)
States (Administrative Areas)
Environmental
Transportation
InterstateHighways
Points of Interest
Cities and Towns
Map Summary
Area of map:
Map center
Latitude:
Longitude:

16600

| OPERATION | SPECIAL HANDLING | CLIENT HANDOFF | HANDOFF AT SAVE | CLIENT PROMPT | ATTRIBUTE ENTRY |
|---|---|---|---|---|---|
| ZOOM IN | | | | | |
| ZOOM OUT | | | | | |
| CLICK AND DRAG PAN | | | | | |
| BACK | | | | | |
| FORWARD | | | | | |
| SELECTION | | | | | |
| ADD VERTEX | YES | | HANDOFF | | |
| ADD OBJECT | YES | HANDOFF | | | SKIP |
| DELETE VERTEX | YES | | HANDOFF | | |
| DELETE SELECTED OBJECT | YES | HANDOFF | | | |
| MOVE VERTEX | YES | | HANDOFF | | |
| MOVE OBJECT | YES | | HANDOFF | | |
| LOAD OBJECT INTO EDIT | | | | | |
| LAYER | | | | | |
| SELECT EDIT LAYER | | | | | |
| EDIT ATTRIBUTES | YES | HANDOFF | | | SKIP |
| CLEAR SELECTION | | | | | |
| SAVE OBJECT TO EDIT LAYER | YES | HANDOFF | | | SKIP |
| SNAP TO | YES | HANDOFF | | | |
| SPLIT BY DRAWN LINE | YES | HANDOFF | | | SKIP |
| SPLIT BY SELECTION | YES | HANDOFF | | | SKIP |
| CREATE BY INTERSECT | YES | HANDOFF | | | SKIP |
| ABSORB | YES | HANDOFF | | | |
| MERGE | YES | HANDOFF | | | |
| JOIN OBJECTS | YES | HANDOFF | | | |
| UN-JOIN OBJECTS | YES | HANDOFF | | | SKIP |
| SAVE | YES | HANDOFF | | | |
| DONE/EXIT | | | | | |
| HELP | YES | HANDOFF | | | |
| REFRESH | | | | | |
| CANCEL | | | | | |
| MOVE TO BACK | | | | | |

FIG. 166

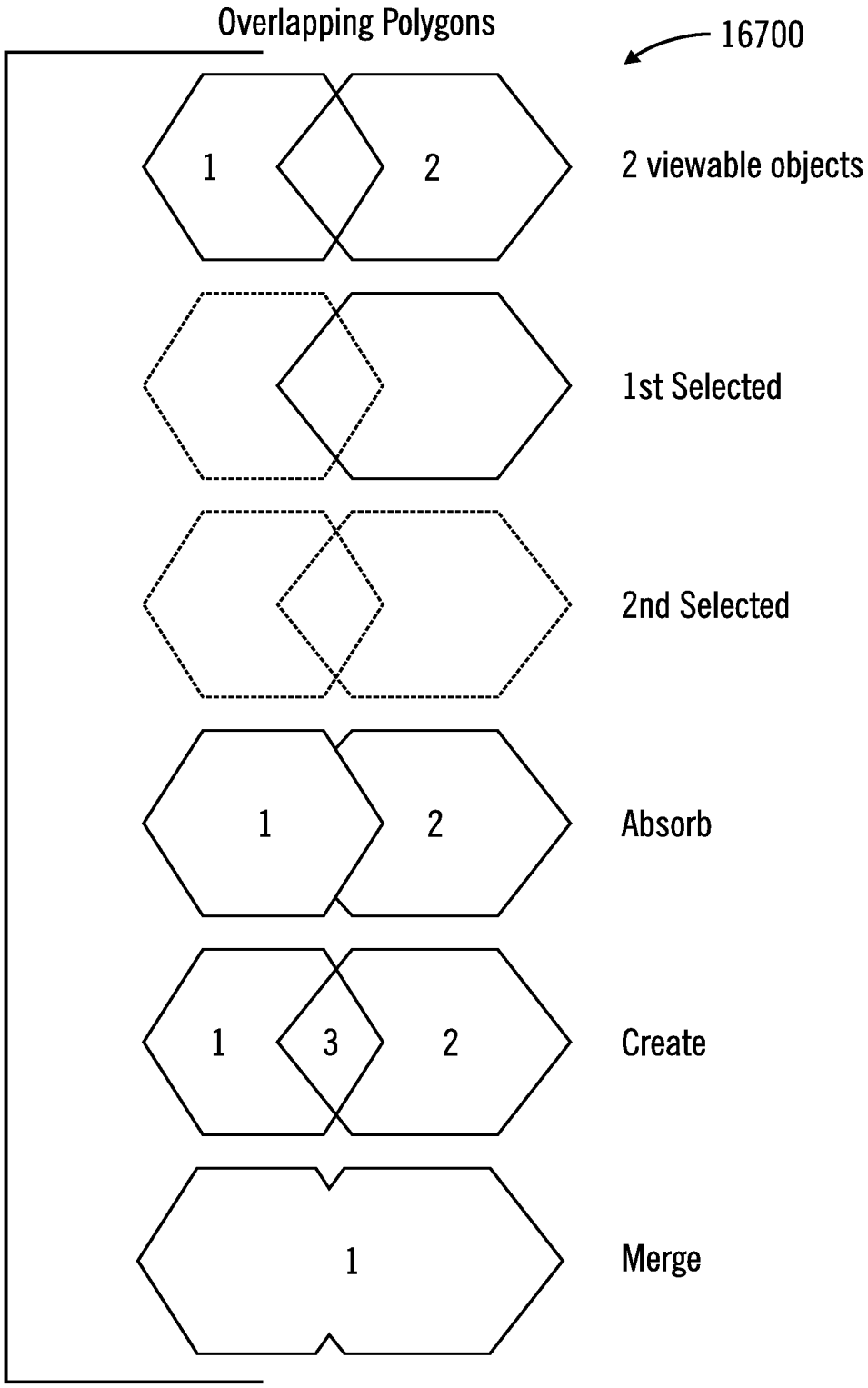

Overlapping Polygons
16700
1
2
2 viewable objects
1st Selected
2nd Selected
1
2
Absorb
1
3
2
Create
1
Merge

FIG. 167

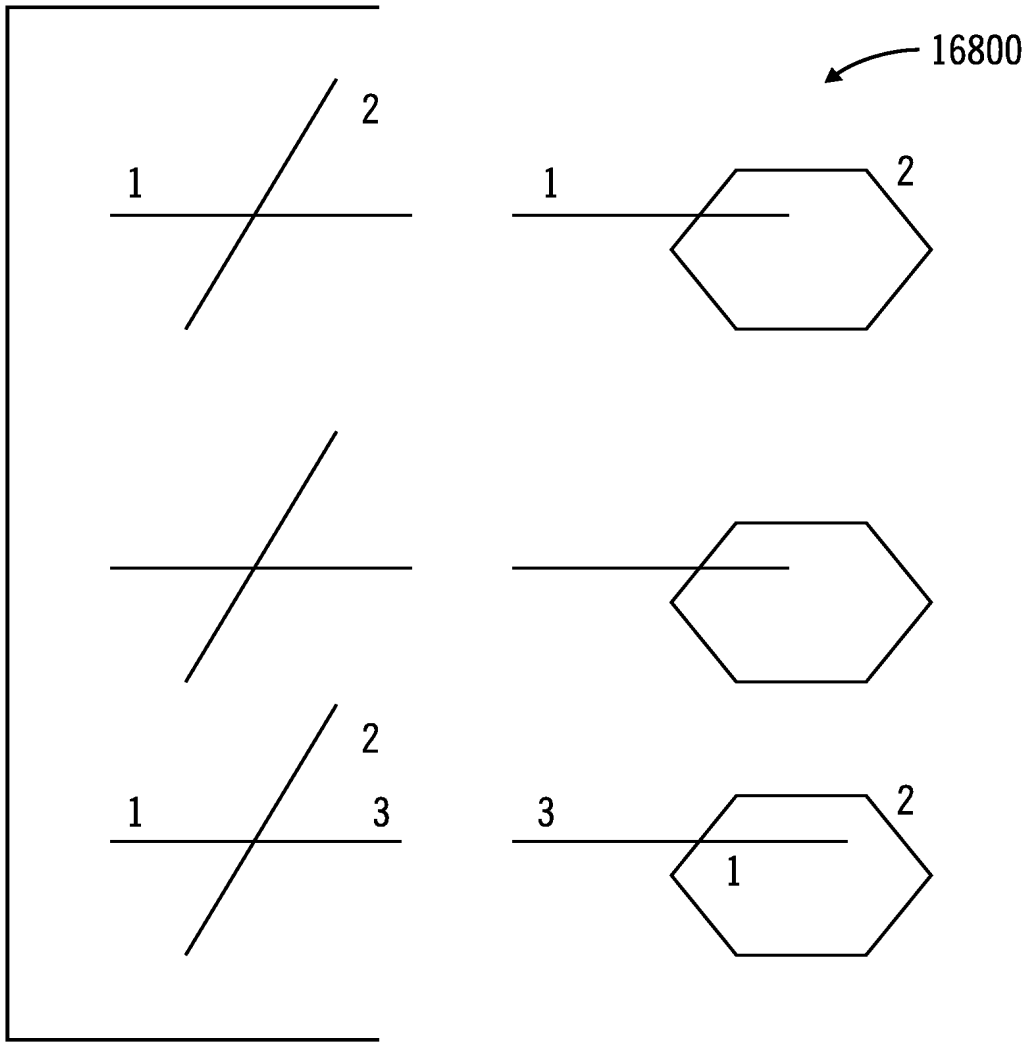



FIG. 168A

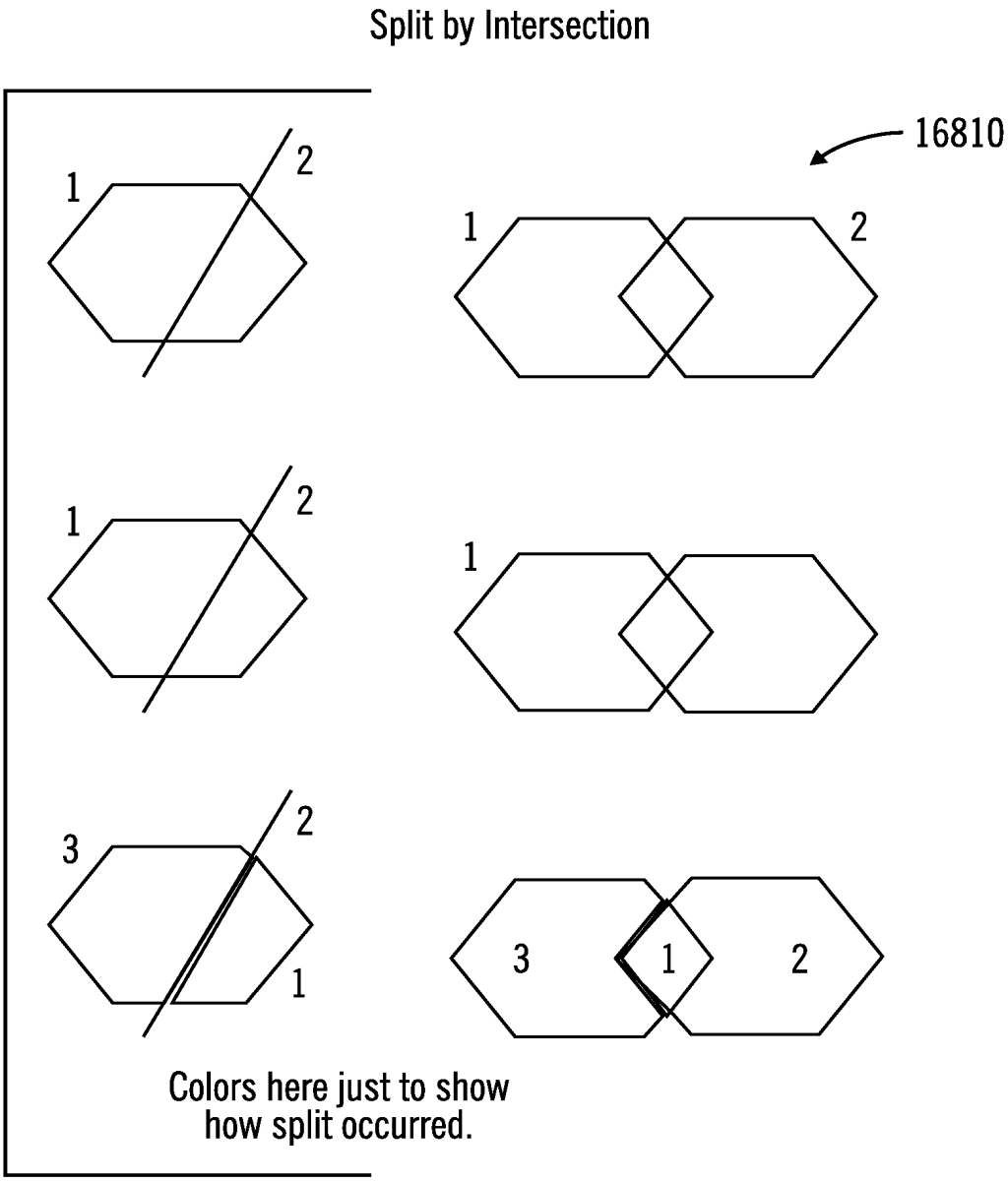

Split by Intersection
16810
1
2
1
2
1
2
1
1
3
2
3
1
2
1
Colors here just to show
how split occurred.

FIG. 168B

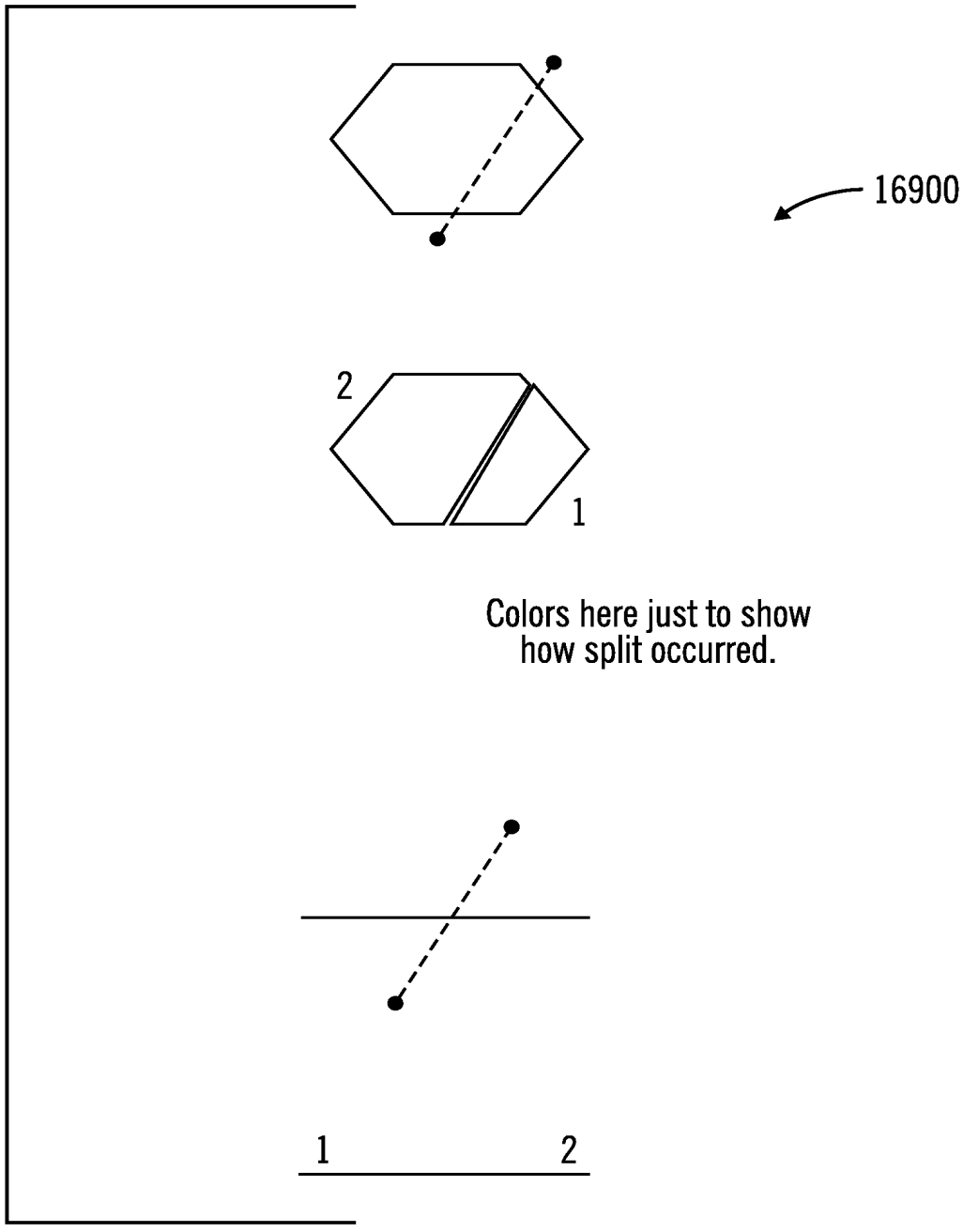



FIG. 169

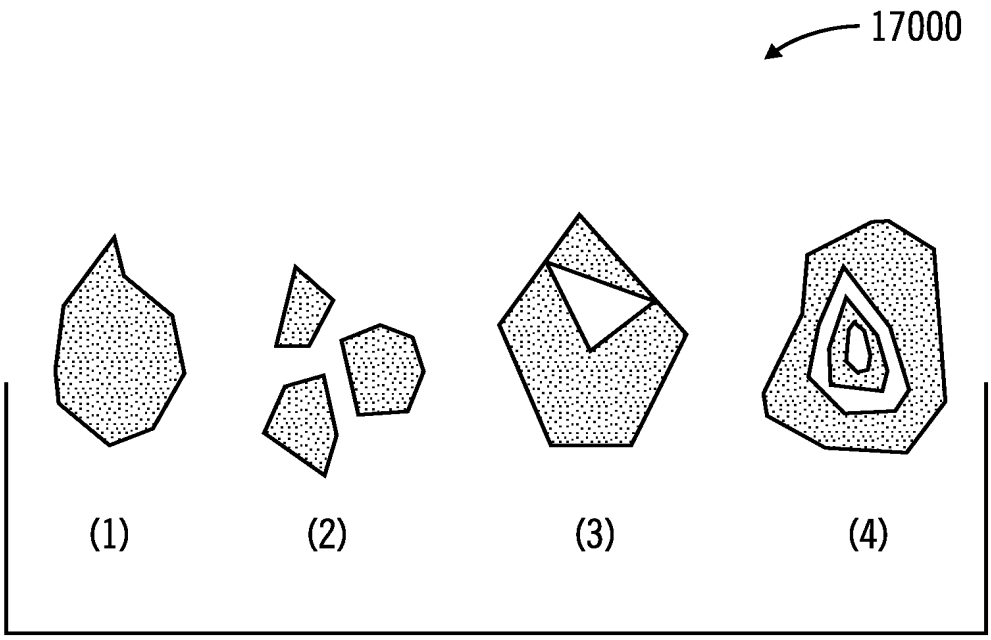



FIG. 170

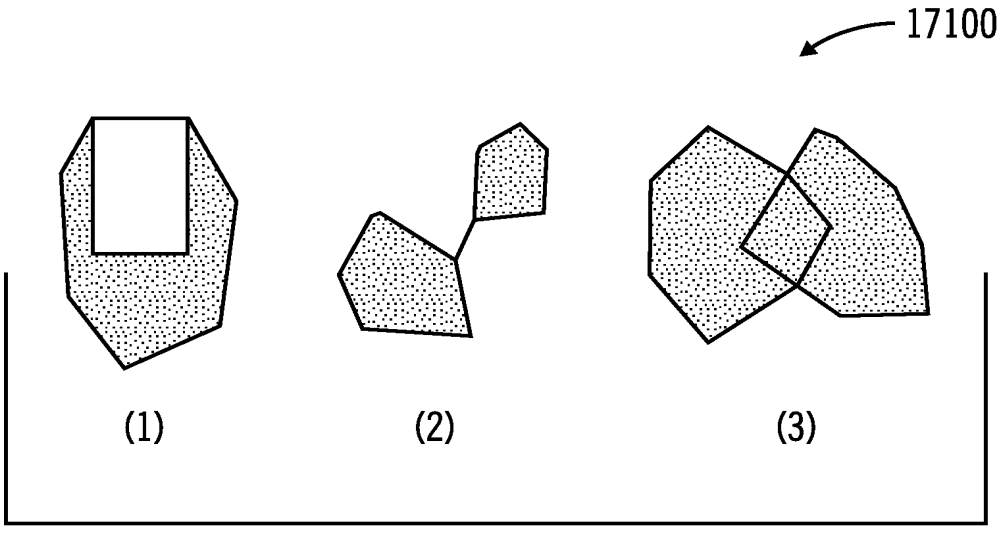



FIG. 171

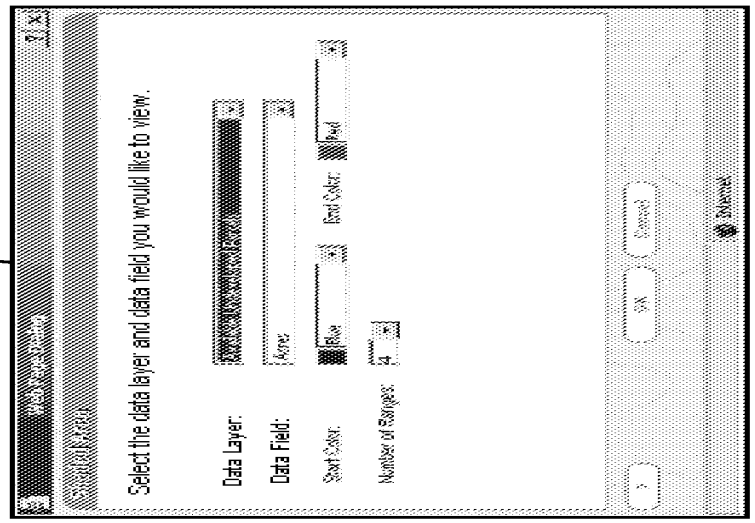

17200
Select the data layer and data field you would like to view.
Data Layer:
Data Field:
Start Color:
End Color:
Number of Ranges:
Blue
Red
4
OK
Cancel
Internet

FIG. 172

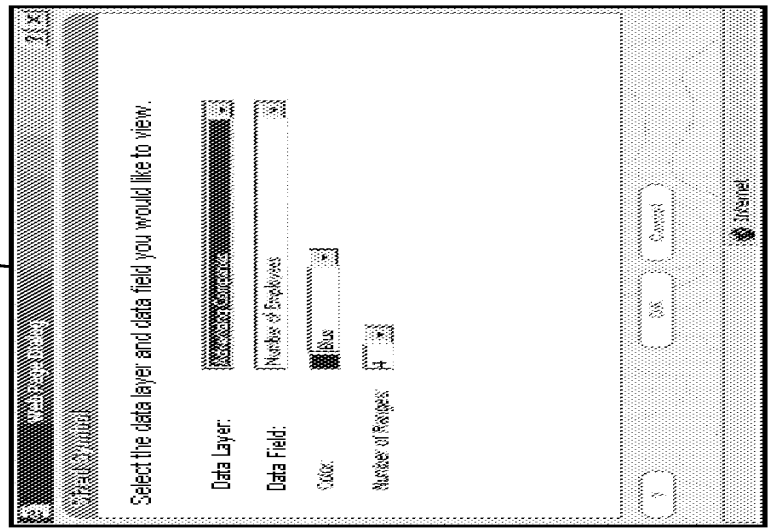

17300
Select the data layer and data field you would like to view.
Data Layer:
Data Field:
Color:
Number of Recipes:
Number of Employees
Blue
4

FIG. 173

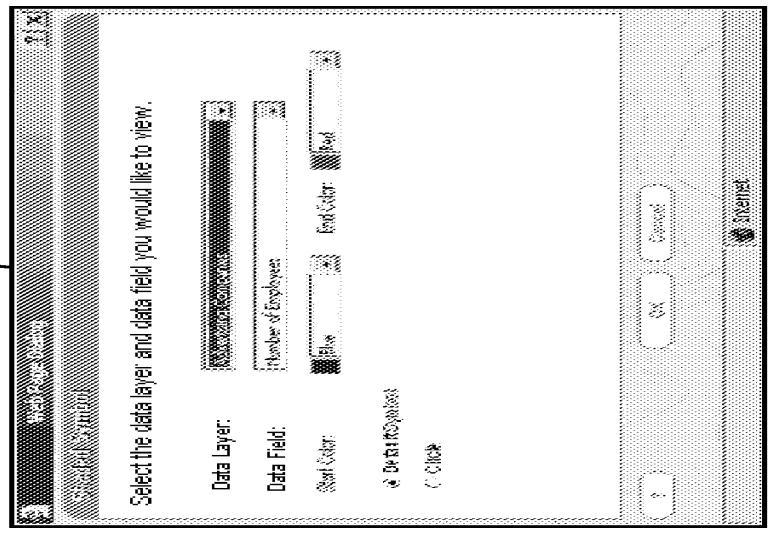

17400
Select the data layer and data field you would like to view.
Data Layer:
Data Field:
Number of Employees
Start Color:
End Color:
Blue
Red
OK
Cancel
Internet

FIG. 174

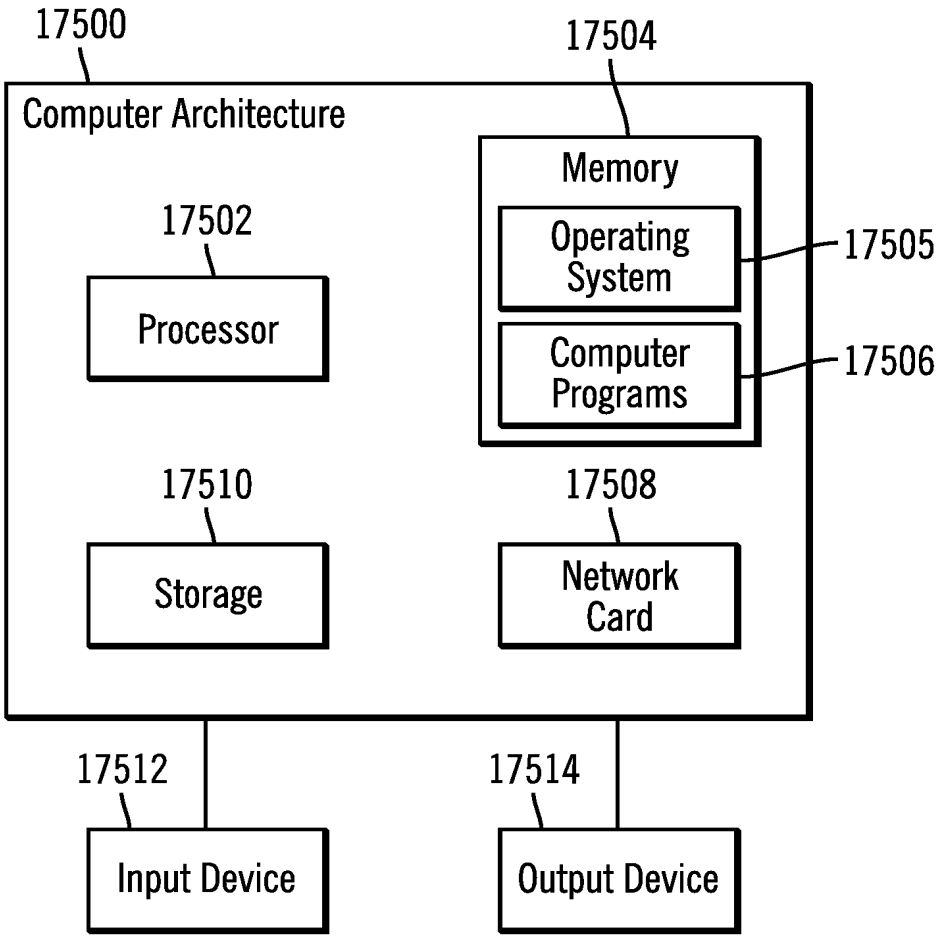

17500
Computer Architecture
17504
Memory
17502
Processor
Operating System
17505
Computer Programs
17506
17510
Storage
17508
Network Card
17512
Input Device
17514
Output Device

FIG. 175